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YEAST IN THE TREATMENT OF PELLAGRA AND BLACK TONGUE

A Note on Dosage and Mode of Administration

By JOSEPH GOLDBERGER, G. A. WHEELER, W. F. TANNER, Surgeons, United States Public Health Service

In a recent communication¹ there were reported the results of a study of the action of dried brewers' yeast as a therapeutic and preventive agent in pellagra. Evidence was submitted that was interpreted as indicating conclusively that this yeast supplied an essential or the essential preventive factor or factors. Although both therapeutic and preventive tests were made, emphasis was placed on the preventive action, since the preventive test was considered much more significant of the value of the preparation.

As was stated in that communication, 26 patients in all were taken under treatment between May 26, 1923, and May 10, 1924. A number of additional cases have been treated since that time. The majority have been mild recurrent attacks. With one exception, all made prompt recoveries from the immediate attack. The exception was a case in a recently admitted patient with symptoms of central neuritis who died within 72 hours after coming under observation and beginning treatment.

Since the publication of the above-mentioned report, inquiries have been received relative to certain details of the treatment with yeast which, so far as possible, we shall attempt to answer at this time.

Our work with yeast has been done almost altogether with a commercial preparation of *dried* brewers' yeast.² It is not improbable that pure *dried* bakers' yeast³ will prove to be approximately equally efficient.

At the outset of the study the therapeutic dose was arbitrarily fixed at 1 gram per kilo of body weight for patients with marked active symptoms. As our experience has grown, we have come increasingly to believe that a considerably smaller dose will suffice, particularly when combined (and so far as possible it should be) with the now well-known dietary treatment. In the cases more recently treated the daily dose has been between 15 and 30 grams

¹ Goldberger and Tanner: Pub. Health Rep., 1925, 40, 54-80.

² The Harris Laboratories, Tuckahoe, N. Y.

³ Northwestern Yeast Co., Chicago, Ill.; The Fleischman Co., New York, N. Y.

(one-half to 1 ounce) or, roughly, 2 level teaspoonfuls three to six times a day.

We were led to test the action of yeast in pellagra by reason of some very favorable indications afforded by tests of this preparation in experimental black tongue in dogs.⁴ We would now state that in the treatment of this experimentally induced disease a dose of 15 to 30 grams (one-half to 1 ounce), depending on the weight of the animal, has been found very efficient in cutting short an attack. However, the treatment must be begun relatively early; if delayed until after the dog's temperature has risen to 40° C. (104° F.), the outlook is much less favorable. We would recommend this treatment to veterinarians for trial in the spontaneous disease.

The dry powdered yeast (well dried) keeps well and retains much if not all of its pellagra-preventive and therapeutic activity for some weeks at least. It may be administered in a variety of ways. In pellagra we have, for the most part, given it in ordinary table sirup; less frequently in canned tomato juice, and in milk. In black tongue we have given the yeast in gelatin capsules (veterinary No. 13). It may be stirred into the food as soon as the animal begins to eat.

The beneficial effects of the yeast treatment have repeatedly been recognized by us as early as the end of the second or third day after the treatment was begun in both the human and the canine disease.

In closing this note it may be well to emphasize that in all but the severe cases of pellagra careful feeding is all that is needed. In our judgment, it is only in cases of more than average severity, or where such foods as fresh milk and fresh meat can not be procured, that yeast may serve a valuable purpose and may help to save life.

LEPROSY IN THE PHILIPPINES

When the United States occupied the Philippine Archipelago a quarter of a century ago, the military and, later, the civil authorities, were confronted by health problems of unknown acuteness and magnitude.

It soon became evident that leprosy was prevalent throughout the islands; an accurate morbidity census was not available, perhaps not obtainable. Although estimates of the number of cases of leprosy varied within the wide range of a few hundred to several thousand, the problem of checking the spread of the disease, with the ideal of ultimate eradication, was optimistically undertaken.

Culion Island, with a group of other small islands, was set aside by executive order for the establishment of a leper colony, and on May 27, 1906, the first lepers were isolated in the Culion settlement.

⁴Goldberger and Wheeler: Unpublished data.

Nineteen years have passed since segregation was begun in Culion, and in that time nearly 1,000 lepers, on the average, have been taken to Culion annually. Approximately 5,000 lepers remain alive in Culion; a few hundred have been discharged in recent years on parole. A simple arithmetical calculation reveals the mortality among known cases, but can not take into consideration the deaths of lepers hidden or undiagnosed in the remainder of the archipelago.

At first glance one is impelled to question the ultimate utility of segregation if, each year, for a generation, a thousand lepers may be found for isolation. The answer, not at first obvious, is, nevertheless, outstanding in that for the last decade a gradual change has been noted in the character of the patients isolated. Formerly the great majority of lepers segregated were of the advanced type, maimed and a burden to family and community; whereas in recent years an ever increasing number of early cases may be seen among the new arrivals—incontestable evidence that segregation is becoming effective and that a few more years of vigorous enforcement will stem the tide.

Those concerned in the original organization of the Culion Colony wisely determined upon the establishment of a settlement not too far removed in nature from the surroundings to which the majority of the patients were accustomed, and selected a promontory in the Bay of Culion, where there has since been built a typical Filipino town. Improvements have been added from time to time, so that it now has an excellent supply of mountain spring and artesian water, a sewerage system, an incinerator, electric light and ice plants, schools, churches, and a theater.

The housing of such a large number of indigents has been accomplished by providing large dormitories in which groups of children and young unmarried adults are cared for, and permitting families or groups of adults to build houses of their own design from materials furnished by the government.

Incapacited lepers suffering from acute or chronic manifestations of the disease or from intercurrent affections are cared for in modern, reinforced concrete infirmaries, nursed by fellow patients who have been trained as orderlies under the supervision of Sisters of Charity.

That the Culion Leper Colony might well serve as a model of sanitation is evident in the gradual lowering of the death rate, which has steadily diminished from nearly 500 per thousand per annum in 1908 to a point where it compares favorably with that in the average Filipino city or town.

The original function of the Culion Leper Colony was the segregation of lepers for the protection of the public health; but since, in recent years, the results of improved methods of treatment seem to warrant

the opinion that many cases of leprosy are curable, a new hope has arisen among the lepers of Culion, as elsewhere in the world, and the colony is assuming the air of a sanatorium where the patient hopes to recover and return to friends and family, rather than that of a settlement of individuals who have willingly or otherwise permanently severed all social ties.

Reports are being received from the Culion Colony describing therapeutic experiments carried out on a sufficiently large scale to warrant the drawing of important conclusions after sufficient time has elapsed. From the wealth of clinical material, more than 2,000 lepers have been selected for treatment with the ethyl esters of chaulmoogra oil alone—an experiment which, in itself, should throw considerable light on the confusion now existing from conflicting reports as to the efficacy of this modern refinement of chaulmoogra oil.

Consistent rumors are received from the press indicating the desire of certain Filipinos to discontinue the segregation of lepers in the Culion Leper Colony and to build numerous smaller hospitals throughout the islands, a project which should be discouraged from both an economic and sanitary standpoint, since it would be susceptible to abuses which would tend to defeat the object of segregation, the benefits of which are already in sight.

EXTENT OF RURAL HEALTH SERVICE IN THE UNITED STATES, 1921-1925

By L. L. LUMSDEN, Surgeon, United States Public Health Service

According to data obtained by the Rural Sanitation Office of the Public Health Service from the health departments of the States, the following (Table 1) is a list, by States, of counties (or districts) in which the rural sections at the beginning of the calendar years 1921, 1922, 1923, 1924, and 1925, respectively, were provided with local health service under the administration of whole-time county or (local) district health officers:

TABLE 1.—List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers

1921	1922	1923	1924	1925
ALABAMA				
Baldwin Calhoun Colbert Etowah Hale Jefferson Lauderdale Madison Mobile Montgomery Morgan Pike Sumter Talladega Tuscaloosa Walker	Baldwin Barbour Calhoun Colbert Dallas Etowah Houston Jefferson Lauderdale Madison Mobile Montgomery Morgan Pike Sumter Talladega Tuscaloosa Walker	Baldwin Barbour Calhoun Colbert Covington Dallas Etowah Houston Jefferson Lauderdale Madison Mobile Montgomery Morgan Pike Sumter Talladega Tuscaloosa Walker	Baldwin Barbour Calhoun Colbert Covington Dallas Escambia Etowah Franklin Houston Jefferson Lauderdale Limestone Madison Mobile Montgomery Morgan Pike Sumter Talladega Tuscaloosa Walker	Baldwin Barbour Calhoun Colbert Covington Dallas Escambia Etowah Franklin Houston Jefferson Lauderdale Limestone Madison Marvengo Marshall Mobile Montgomery Morgan Pike Sumter Talladega Tuscaloosa Walker
ARIZONA				
				Cochise
CALIFORNIA				
	Los Angeles San Francisco ¹	Los Angeles Monterey Orange San Francisco ¹ San Luis Obispo	Los Angeles Monterey Orange San Joaquin San Luis Obispo	Los Angeles Monterey Orange San Diego San Joaquin San Luis Obispo
CONNECTICUT				
				Fairfield ¹
GEORGIA				
Baldwin Bartow Brooks Clarke Cobb Decatur Dougherty Floyd Glynn Hall Laurens Lowndes Sumter Thomas Troup Walker Worth	Baldwin Bartow Brooks Clarke Cobb Decatur Dougherty Floyd Glynn Hall Laurens Lowndes Mitchell Sumter Thomas Troup Walker Worth	Baldwin Bartow Clarke Cobb Decatur Dougherty Floyd Fulton Glynn Hall Laurens Lowndes Mitchell Richmond Sumter Thomas Troup Walker	Baldwin Bartow Bibb Clarke Cobb Decatur DeKalb Dougherty Floyd Glynn Hall Laurens Lowndes Miller Mitchell Richmond Thomas Troup Walker	Baldwin Bartow Bibb Clarke Cobb Decatur DeKalb Dougherty Floyd Glynn Hall Laurens Lowndes Miller Mitchell Richmond Seminole Sumter Thomas Troup Walker

¹ As San Francisco County is entirely urban, it should not have been included in either 1922 or 1923, and is omitted from the 1924 and 1925 lists.

¹ District.

TABLE 1.—List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers—Continued

1921	1922	1923	1924	1925
IDAHO				
	Bannock Twin Falls Boise			
ILLINOIS				
		Morgan	Morgan	Cook Crawford Morgan Sangamon
INDIANA				
		Fulton		
IOWA				
	Dubuque	Dubuque	Dubuque Washington	Dubuque Washington
KANSAS				
Butler Cherokee Ford Geary Marion	Butler Cherokee Ellis Ford Geary Marion Ottawa Wabaunsee	Butler Cherokee Ellis Ford Geary Marion Ottawa Wabaunsee	Butler Cherokee Ellis Geary Lyon Marion Ottawa Sheridan	Cherokee Geary Lyon Marion Ottawa Sheridan
KENTUCKY				
Boyd Davies Fulton Harlan Jefferson Mason Muhlenberg Scott	Bell Boyd Davies Fulton Harlan Mason Muhlenberg Scott	Boyd Davies Fulton Harlan Jefferson Johnson Mason Scott	Bell Boyd Davies Fayette Fulton Jefferson Johnson Mason Scott	Boyd Davies Fayette Fulton Jefferson Johnson Mason Scott
LOUISIANA ¹				
Rapides	Beauregard Caddo De Soto Natchitoches Ouachita Rapides Washington	Beauregard Caddo De Soto Natchitoches Ouachita Rapides Washington	Beauregard Caddo Claiborne De Soto Natchitoches Ouachita Rapides St. Mary Tangipahoa Washington	Beauregard Caddo Claiborne De Soto Natchitoches Ouachita St. Mary Tangipahoa Washington

¹ Parishes.

TABLE 1.—List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers—Continued

1921	1922	1923	1924	1925
MAINE ¹				
		Oldtown Rumford Sanford Waterville York	Oldtown Rumford Sanford Waterville York	Oldtown Rumford Sanford Waterville York
MARYLAND				
	Washington	Allegany Montgomery	Allegany Frederick Montgomery	Allegany Baltimore Calvert Carroll Frederick Montgomery
MASSACHUSETTS				
	Cape Cod ¹	Cape Cod ¹	Cape Cod ¹	Cape Cod ¹
MINNESOTA				
			St. Louis	St. Louis
MISSISSIPPI				
Bolivar Harrison Jones Lee	Bolivar Coahoma Forrest Harrison Jones Lee Marshall Union Washington	Bolivar Coahoma Forrest Harrison Hinds Jones Lauderdale Lee Leflore Marshall Tallahatchie Washington	Bolivar Coahoma Forrest Harrison Hinds Jones Lauderdale Lee Tallahatchie Washington	Bolivar Coahoma Forrest Hancock Harrison Jackson Jones Lee Pearl River Sharkey Washington
MISSOURI				
Greene	Greene Jasper	Cape Girardeau Dunklin Gentry Greene Jasper Monroe New Madrid Nodaway Pettis Polk St. Francois	Dunklin Gentry Greene New Madrid Nodaway Pettis Polk St. Francois St. Louis	Dunklin Gentry Greene New Madrid Nodaway Pettis Polk St. Francois St. Louis
MONTANA				
Cascade Missoula Yellowstone	Cascade Lewis and Clark Missoula Yellowstone	Cascade Lewis and Clark Missoula Yellowstone	Cascade Lewis and Clark Missoula	Cascade Lewis and Clark Missoula

¹ Districts.

TABLE 1.—List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers—Continued

1921	1922	1923	1924	1925
NEW MEXICO				
Bernalillo Chaves San Miguel Santa Fe Union	Bernalillo Chaves San Miguel Santa Fe Torrance Union Valencia	Bernalillo Chaves Dona Ana Eddy San Miguel Santa Fe Union Valencia	Bernalillo Chaves Colfax Dona Ana Eddy McKinley San Miguel Santa Fe Union Valencia	Bernalillo Chaves Colfax Dona Ana Eddy McKinley San Miguel Santa Fe Union Valencia
NEW YORK				
			Cattaraugus	Cattaraugus
NORTH CAROLINA				
Beaufort Buncombe Bertie Cabarrus Chatham Cumberland Davidson Durham Edgecombe Forsyth Granville Halifax Lenoir New Hanover Northampton Pitt Robeson Rowan Sampson Surry Vance Wake Wayne Wilkes Wilson	Bertie Bladen Buncombe Cabarrus Columbus Craven Cumberland Davidson Durham Edgecombe Forsyth Granville Guilford Halifax Lenoir Mecklenburg New Hanover Northampton Pamlico Pitt Robeson Rowan Sampson Surry Vance Wake Wayne Wilkes Wilson	Bertie Bladen Buncombe Cabarrus Carteret Columbus Craven Cumberland Davidson Durham Edgecombe Forsyth Granville Guilford Halifax Lenoir Mecklenburg New Hanover Northampton Pitt Robeson Rowan Sampson Surry Vance Wake Wayne Wilkes Wilson	Beaufort Bertie Bladen Brunswick Buncombe Cabarrus Columbus Craven Cumberland Davidson Durham Edgecombe Forsyth Granville Guilford Halifax Henderson Hyde Lenoir Mecklenburg New Hanover Northampton Pamlico Pitt Robeson Rowan Surry Vance Wake Wayne Wilkes Wilson	Beaufort Bertie Bladen Brunswick Buncombe Cabarrus Columbus Craven Cumberland Davidson Durham Edgecombe Forsyth Granville Guilford Halifax Henderson Hyde Lenoir Mecklenburg New Hanover Northampton Pamlico Pitt Richmond Robeson Rowan Rutherford Sampson Surry Vance Wake Wayne Wilkes Wilson

TABLE 1.—*List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers—Continued*

1921	1922	1923	1924	1925
OHIO				
Allen Ashtabula Belmont Butler Champaign Clermont Crawford Cuyahoga Delaware Fairfield Hamilton Henry Highland Hocking Lake Lorain Lucas Mahoning Marion Medina Meigs Miami Monroe Montgomery Muskingum Noble Paulding Sandusky Scioto Seneca Shelby Stark Summit Trumbull Union Washington	Allen Ashtabula Belmont Butler Champaign Clermont Clinton Columbiana Coshocton Crawford Cuyahoga Erie Greene Hamilton Highland Hocking Lake Lorain Lucas Madison Mahoning Marion Miami Monroe Montgomery Morrow Muskingum Paulding Ross Sandusky Scioto Seneca Shelby Stark Summit Trumbull Union Washington Wayne Wood	Allen Ashtabula Auglaize Belmont Butler Champaign Clermont Clinton Columbiana Coshocton Crawford Cuyahoga Erie Hamilton Hocking Huron Lake Lorain Lucas Madison Mahoning Marion Miami Monroe Montgomery Morrow Muskingum Paulding Perry Ross Sandusky Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Union Washington Wayne Wood	Allen Ashtabula Athens Auglaize Belmont Butler Clermont Clinton Columbiana Coshocton Crawford Cuyahoga Erie Geauga Hamilton Hancock Hocking Huron Lake Lorain Lucas Mahoning Marion Meigs Mercer Miami Montgomery Morrow Muskingum Paulding Perry Richland Ross Sandusky Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Union Washington Wayne Wood	Allen Ashtabula Athens Belmont Butler Clermont Clinton Columbiana Coshocton Crawford Cuyahoga Delaware Erie Fayette Franklin Geauga Hamilton Hancock Hocking Huron Lake Lorain Lucas Mahoning Marion Meigs Mercer Miami Montgomery Morrow Muskingum Paulding Perry Richland Ross Sandusky Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Union Washington Wayne Wood
OKLAHOMA				
Ottawa	Ottawa	Ottawa	Ottawa	Carter Leflore Muskogee Oklahoma Pittsburg
OREGON				
		Coos	Coos	Clackamas Coos Douglas Jackson Klamath

TABLE 1.—List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers—Continued

1921	1922	1923	1924	1925
SOUTH CAROLINA				
Calhoun Charleston Cherokee Darlington Fairfield Lee Newberry Orangeburg	Charleston Cherokee Darlington Fairfield Greenville Newberry Orangeburg	Charleston Cherokee Darlington Fairfield Greenville Newberry Orangeburg	Aiken Anderson Charleston Cherokee Dillon Fairfield Greenville Newberry Orangeburg	Aiken Anderson Beaufort Charleston Cherokee Colleton Darlington Dillon Fairfield Georgetown Greenville Marion Newberry Orangeburg
SOUTH DAKOTA				
	Brown	Brown	Brown	Brown Pennington Yankton
TENNESSEE				
	Davidson Montgomery Roane Williamson	Davidson Gibson Montgomery Roane Williamson	Blount Davidson Gibson Montgomery Obion Roane Sevier Williamson	Blount Davidson Gibson Montgomery Obion Roane Rutherford Sevier Williamson
TEXAS				
Bell Dallas Jefferson Tarrant Wichita Williamson	Dallam Dallas Hidalgo Jefferson Tarrant	Cherokee Dallam Dallas Hidalgo Jefferson Tarrant	Dallam Hidalgo Jefferson Red River Tarrant Washington	Falls Hidalgo Nueces Tarrant
UTAH				
	Weber	Weber	Weber	Davis Weber
VERMONT ¹				
First Second Third Fourth Fifth Sixth Seventh Eighth Ninth Tenth	First Second Third Fourth Fifth Sixth Seventh Eighth Ninth Tenth	First Second Third Fourth Fifth Sixth Seventh Eighth Ninth Tenth		

¹ Districts.

TABLE 1.—List of counties, or districts, in which, as of January 1, 1921, 1922, 1923, 1924, and 1925, respectively, rural sections were provided with local health service under whole-time health officers—Continued

1921	1922	1923	1924	1925
VIRGINIA				
Albemarle Arlington Augusta Clarke Fairfax Fauquier Halifax Henry Norfolk Tazewell	Albemarle Arlington Augusta Fairfax Fauquier Halifax Norfolk Tazewell Wise	Albemarle Arlington Augusta Fairfax Halifax Nansemond Norfolk Russell Wise	Accomac Albemarle Arlington Augusta Fairfax Halifax Henrico James City Loudoun Nansemond Norfolk Princess Anne Russell Wise	Accomac Albemarle Arlington Augusta Brunswick Fairfax Halifax Henrico Isle of Wight James City Nansemond Northampton Wise.
WASHINGTON				
King Spokane Walla Walla Yakima	King Spokane Walla Walla Yakima	Chelan King Spokane Yakima	Chelan King Spokane Walla Walla Yakima	Chelan King Spokane Walla Walla Yakima
WEST VIRGINIA				
Greenbrier	Greenbrier Logan Mingo	Logan Marion Mingo Preston	Hancock Harrison Logan Marion Preston Taylor	Gilmer Hancock Harrison Logan Marion Marshall Preston Taylor
WYOMING				
			Natrona	Natrona

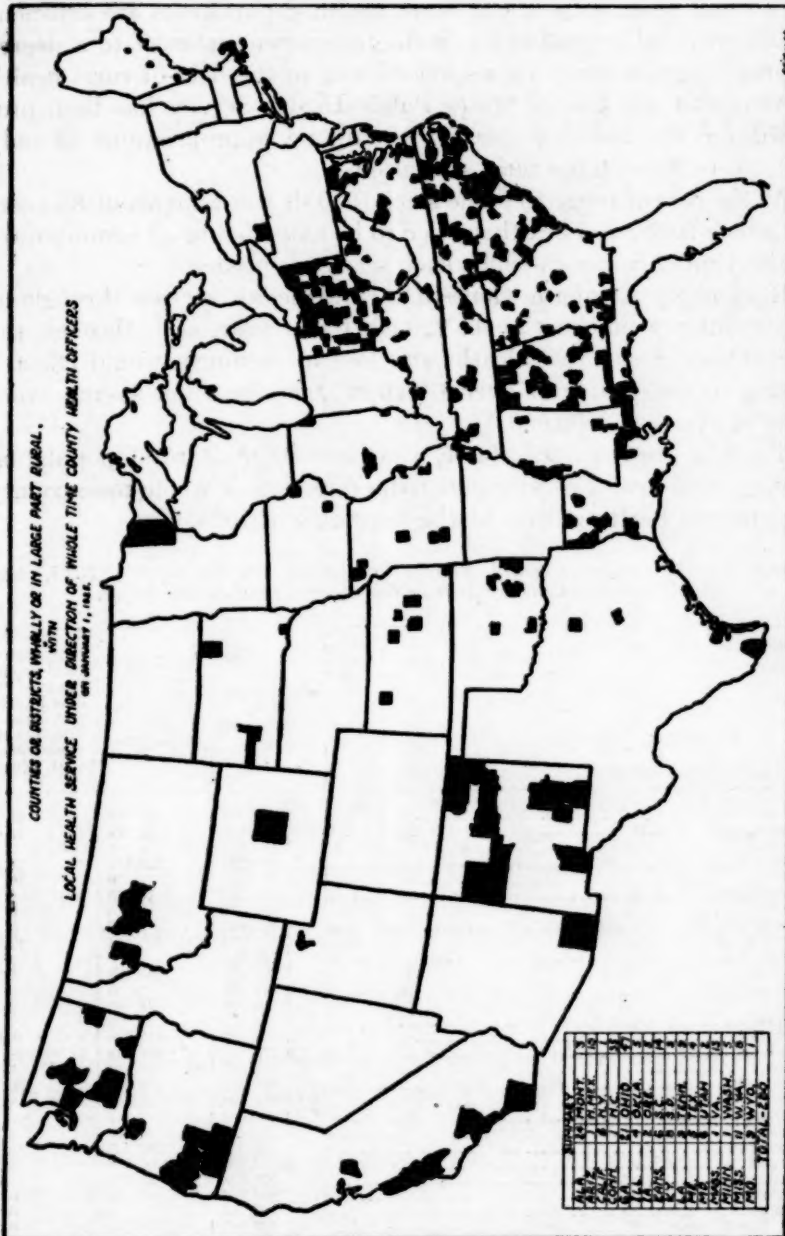
Résumé of Table 1

State	Number of counties, January 1—					Increase or decrease in 1921	Increase or decrease in 1922	Increase or decrease in 1923	Increase or decrease in 1924
	1921	1922	1923	1924	1925				
Alabama.....	16	18	19	22	24	+2	+1	+3	+2
Arizona.....	0	0	0	0	1				+1
California.....	0	1	4	5	6	+1	+3	+1	+1
Connecticut.....	0	0	0	0	1				+1
Georgia.....	17	18	18	19	21	+1		+1	+2
Idaho.....	0	3	0	0	0	+3	-3		
Illinois.....	0	0	1	1	4		+1		+3
Indiana.....	0	0	1	0	0		+1	-1	
Iowa.....	0	1	1	2	2	+1		+1	
Kansas.....	5	8	8	8	6	+3			-2
Kentucky.....	8	8	8	9	8			+1	-1
Louisiana.....	1	7	7	10	9	+6		+3	-1
Maine.....	0	0	5	5	5		+5		
Maryland.....	0	1	2	3	6	+1	+1	+1	+3
Massachusetts.....	0	1	1	1	1	+1			
Minnesota.....	0	0	0	1	1			+1	
Mississippi.....	4	9	12	10	11	+5	+3	-2	+1
Missouri.....	1	2	11	9	9	+1	+9	-2	
Montana.....	3	4	4	3	3	+1		-1	
New Mexico.....	5	7	8	10	10	+2	+1	+2	
New York.....	0	0	0	1	1			+1	+2
North Carolina.....	25	29	29	33	35	+4		+4	+2
Ohio.....	36	40	42	45	47	+4	+2	+3	+2
Oklahoma.....	1	1	1	1	5				+4
Oregon.....	0	0	1	1	5		+1		+4
South Carolina.....	8	7	7	9	14	-1		+2	+5
South Dakota.....	0	1	1	1	3	+1			+2
Tennessee.....	0	4	5	8	9	+4	+1	+3	+1
Texas.....	6	5	6	6	4	-1	+1		-2
Utah.....	0	1	1	1	2	+1			+1
Vermont.....	10	10	10	0	0			-10	
Virginia.....	10	9	9	14	13	-1		+5	-1
Washington.....	4	4	4	5	5			+1	
West Virginia.....	1	3	4	6	8	+2	+1	+2	+2
Wyoming.....	0	0	0	1	1			+1	
Total.....	161	202	230	250	280	+41	+28	+20	+30

The accompanying map shows the counties or districts in the United States in which, as of January 1, 1925, the rural sections were provided with local health service under whole-time, local (county or district) health officers.

The net gain of 30 counties in 1924 is cause for encouragement to all persons interested in this much-needed economical and effective development for the conservation and promotion of the health of the people of the United States. Most of the increases during the year were made in States in which the respective State health departments, with the cooperation of the United States Public Health Service or the International Health Board, or both, were enabled to give encouragement, technical advice, and financial assistance to county or district health departments.

Without moral support and financial assistance from outside sources, local governments of rural communities (counties, towns, townships, or districts) evidently are not disposed to appropriate adequately for the support of efficient, whole-time, local health service. As health conditions in a rural community in one State influence importantly those in other communities in that and in other States,



it seems proper for the State and the Federal Government to participate in due proportion in the development and maintenance of efficient, economical, official, local health service. Yet for only a very small proportion of our State health departments are sufficient funds provided to enable the State government to meet to a degree approaching adequacy its responsibilities in the field of rural health service, and the United States Public Health Service has been provided for the last five years with annual appropriations of only \$50,000 to \$75,000 for rural sanitation.

At the rate of progress made since 1920, it will take about 85 years for whole-time rural health service to be extended to all communities of the United States in which such service is needed.

Reasonably adequate whole-time rural health service throughout this country would cost about \$20,000,000 a year, and, through the prevention of sickness, death, and loss in earnings, would effect a saving to the people of over \$1,000,000,000—or a net saving every year of over \$980,000,000.

Table 2 presents, by States, the percentage of rural population having local health service under the direction of whole-time county (or district) health officers at the beginning of 1925.

TABLE 2.—Percentage of rural population having, on January 1, 1925, local health service under whole-time county or district health officers

State	Rural population (census, 1920)	Rural population with local health service under direction of whole-time health officers	Percentage of rural population with local health service under direction of whole-time health officers
Alabama.....	1,838,857	807,058	43.88
Arizona.....	216,635	27,344	12.62
Arkansas.....	1,461,767	0	0
California.....	1,695,132	269,879	24.64
Colorado.....	486,370	0	0
Connecticut.....	444,292	11,475	2.58
Delaware.....	102,236	0	0
Florida.....	612,645	0	0
Georgia.....	2,167,973	380,602	17.55
Idaho.....	312,829	0	0
Illinois.....	2,082,127	164,283	7.89
Indiana.....	1,447,535	0	0
Iowa.....	1,528,526	34,845	2.28
Kansas.....	1,151,293	82,055	7.12
Kentucky.....	1,788,087	142,948	8.01
Louisiana.....	1,170,346	217,638	18.59
Maine.....	468,445	25,631	5.47
Maryland.....	880,239	225,038	25.57
Massachusetts.....	202,168	16,562	8.19
Michigan.....	1,426,852	0	0
Minnesota.....	1,335,532	50,898	3.81
Mississippi.....	1,550,497	244,125	15.75
Missouri.....	1,817,152	251,578	13.84
Montana.....	376,878	32,711	8.67
Nebraska.....	891,066	0	0
Nevada.....	62,153	0	0
New Hampshire.....	163,322	0	0
New Jersey.....	680,964	0	0
New Mexico.....	295,300	120,182	40.68
New York.....	1,795,383	39,708	2.21
North Carolina.....	2,068,753	935,303	45.21
North Dakota.....	558,633	0	0

TABLE 2.—Percentage of rural population having, on January 1, 1925, local health service under whole-time county or district health officers—Continued

State	Rural population (census, 1920)	Rural population with local health service under direction of whole-time health officers	Percentage of rural population with local health service under direction of whole-time health officers
Ohio.....	2,082,258	1,248,522	59.96
Oklahoma.....	1,488,803	159,592	10.70
Oregon.....	392,370	80,896	20.61
Pennsylvania.....	3,112,292	0	0
Rhode Island.....	15,217	0	0
South Carolina.....	1,389,737	492,465	35.43
South Dakota.....	534,675	32,124	6.00
Tennessee.....	1,726,650	242,351	14.03
Texas.....	3,150,539	108,659	3.44
Utah.....	233,812	22,109	9.45
Vermont.....	242,452	0	0
Virginia.....	1,635,203	307,015	18.77
Washington.....	607,886	166,531	27.40
West Virginia.....	1,094,694	195,523	17.86
Wisconsin.....	1,387,499	0	0
Wyoming.....	137,054	3,188	2.32
Total.....	51,406,017	7,138,838	13.88

The lack at this time of official local health service approaching adequacy among over 86 per cent of our rural population is, in view of every salient fact in the situation, a matter of portentous seriousness and one which should be given the prompt and vigorous attention of all who have a genuine interest in our national welfare.

SUMMARY OF PROVISIONAL BIRTH, DEATH, AND INFANT MORTALITY RATES, 1924

The Department of Commerce announces that birth rates for 1924 were higher than for 1923 in 16 of the 25 States for which figures for the two years are shown in the accompanying summary. The highest 1924 birth rate (31.9 per 1,000 population) is shown for rural districts of North Carolina, and the lowest (14.9) is for rural districts of Montana.

Death rates for 1924 were lower than for 1923 in 23 of the 29 States shown for both years, record low rates appearing for the following 13 States: Connecticut, Delaware, Kansas, Kentucky, Maine, Massachusetts, Montana, Nebraska, Ohio, Pennsylvania, Vermont, Virginia, and Wisconsin. The following 6 States have higher rates for 1924 than for 1923: California, Florida, Mississippi, Oregon, South Carolina, and Washington. The highest 1924 death rate (22.1 per 1,000 population) is shown for the urban districts of Mississippi, and the lowest (6.5) for the rural districts of Montana.

Infant mortality rates for 1924 are generally lower than those for 1923, as only 3 of the 25 States show higher rates in 1924. The highest 1924 infant mortality rate (121.6) appears for the urban

districts of South Carolina, and the lowest (51) for the rural districts of Nebraska. Infant mortality rates are shown for both years for 44 cities of 100,000 population or more in 1920. For 36 of these cities the 1924 infant mortality rates are lower than those of the previous year. The highest 1924 rate (92) is for Trenton and the lowest (45.3) for Seattle.

Birth, death, and infant mortality rates (exclusive of stillbirths) for States in the birth registration area, 1923 and 1924

[The term "urban" indicates municipalities of 10,000 inhabitants or more in 1920, and the remainder of the State are included in "rural"]

Area	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
Total ¹	22.5	22.3	11.9	12.4	71.9	77.7
Urban.....	22.5	22.2	12.4	12.9	72.8	77.9
Rural.....	22.5	22.3	11.4	12.0	71.0	77.4
California.....	22.0	21.1	14.5	14.3	67.3	73.0
Urban.....	22.4	21.3	14.4	14.4	62.4	65.8
Rural.....	21.6	20.8	14.5	14.3	74.4	83.3
Connecticut.....	21.1	20.8	11.3	12.0	68.9	76.5
Urban.....	22.6	22.4	11.3	12.0	67.1	76.8
Rural.....	16.1	15.9	11.4	12.1	76.7	75.3
Delaware.....	18.9	19.7	12.8	14.0	95.2	104.0
Urban.....	19.2	19.8	11.7	13.2	90.9	98.5
Rural.....	18.6	19.6	14.0	14.9	99.9	109.7
Florida.....	24.2	(²)	14.6	13.5	83.4	(²)
Urban.....	24.7	(²)	16.7	15.1	89.9	(²)
Rural.....	24.0	(²)	13.8	12.9	80.9	(²)
Illinois.....	19.9	19.4	11.2	12.0	71.1	81.9
Urban.....	20.5	19.9	11.6	12.3	74.6	85.0
Rural.....	19.0	18.7	10.7	11.7	65.2	77.1
Indiana.....	22.3	21.7	12.2	12.9	65.3	71.0
Urban.....	23.3	22.3	12.4	13.1	72.7	78.5
Rural.....	21.6	21.3	12.1	12.7	59.2	65.2
Maine.....	23.6	22.6	13.6	15.0	80.7	88.5
Urban.....	24.7	24.5	14.8	16.5	88.2	88.7
Rural.....	23.2	21.9	13.1	14.4	77.3	88.4
Maryland.....	22.7	23.0	13.8	14.7	86.3	94.6
Urban.....	22.4	22.9	14.4	15.1	84.6	87.1
Rural.....	23.2	23.2	13.0	14.1	88.5	104.4
Michigan.....	24.1	23.4	11.6	12.4	72.2	80.3
Urban.....	24.4	24.1	11.0	11.9	75.5	85.3
Rural.....	23.7	22.6	12.4	13.0	67.9	73.7
Minnesota.....	22.0	22.5	9.7	10.1	56.5	61.7
Urban.....	24.2	24.3	12.0	12.5	55.7	61.9
Rural.....	20.7	21.6	8.4	8.9	57.0	61.5
Mississippi.....	24.3	24.0	11.8	11.4	71.3	68.1
Urban.....	27.5	24.1	22.1	20.3	94.7	85.9
Rural.....	24.0	24.0	10.9	10.6	69.0	66.5
Montana.....	16.1	17.1	7.8	8.0	65.8	71.5
Urban.....	21.0	22.8	13.0	12.8	71.9	72.4
Rural.....	14.9	15.7	6.5	6.8	63.7	71.1
Nebraska.....	21.5	22.6	9.0	9.5	55.2	57.3
Urban.....	23.7	23.8	12.8	13.1	67.5	70.5
Rural.....	20.9	22.3	7.9	8.4	51.0	53.2
New Hampshire.....	22.5	20.8	14.1	15.1	78.0	93.2
Urban.....	25.6	24.3	13.3	14.5	81.0	101.6
Rural.....	19.9	17.9	14.7	15.5	74.8	84.0
New Jersey.....	22.3	22.1	11.9	12.3	70.0	71.6
Urban.....	23.9	23.8	11.6	12.0	70.3	70.5
Rural.....	19.2	19.0	12.3	12.9	69.4	74.3
New York.....	21.2	21.2	12.8	13.0	69.1	72.1
Urban.....	21.8	21.9	12.2	12.4	69.6	71.2
Rural.....	19.1	19.0	14.8	15.4	67.1	75.7

¹ Birth registration area, exclusive of the following States, for both years, as data for 1924 are incomplete: Florida, Iowa, Kansas, Kentucky, Massachusetts, North Dakota, Rhode Island, and Utah. Death rates for Kansas, Kentucky, and Massachusetts and birth rates for Iowa will be found on p. 952.

² Not in the registration area in 1923.

Birth, death, and infant mortality rates (exclusive of stillbirths) for States in the birth registration area, 1923 and 1924—Continued

Area	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
North Carolina.....	31.6	31.3	11.9	12.0	82.7	81.0
Urban.....	30.4	28.4	16.2	16.2	100.7	109.5
Rural.....	31.9	31.8	11.1	11.3	79.8	76.8
North Dakota.....	20.8	(¹)	7.1	(¹)	66.7	(¹)
Urban.....	30.4	(¹)	12.5	(¹)	67.5	(¹)
Rural.....	19.9	(¹)	6.6	(¹)	66.6	(¹)
Ohio.....	21.1	21.0	11.2	12.3	66.8	74.7
Urban.....	21.6	21.6	11.1	12.0	70.4	74.6
Rural.....	20.5	20.3	11.4	12.6	61.7	74.7
Oregon.....	18.6	18.2	11.3	10.9	53.3	57.3
Urban.....	19.5	18.6	13.1	12.6	51.4	53.2
Rural.....	18.0	18.0	10.2	9.9	54.6	60.0
Pennsylvania.....	24.2	23.9	12.3	13.3	78.8	90.4
Urban.....	23.5	23.3	13.3	13.9	80.4	87.0
Rural.....	24.8	24.5	11.3	12.5	77.0	93.9
South Carolina.....	26.9	25.4	12.9	11.8	101.7	96.3
Urban.....	26.6	26.3	21.5	20.1	121.6	116.8
Rural.....	26.9	25.3	11.9	10.9	99.4	93.8
Vermont.....	21.0	20.8	13.8	15.2	70.3	76.0
Urban.....	27.0	24.5	16.0	16.5	78.4	92.1
Rural.....	20.0	20.2	13.4	15.0	68.6	72.9
Virginia.....	26.5	26.8	11.9	12.8	76.9	84.0
Urban.....	21.7	22.4	13.3	13.8	93.1	98.4
Rural.....	28.2	28.3	11.5	12.5	72.4	80.1
Washington.....	17.4	17.6	10.0	9.7	55.8	56.5
Urban.....	18.9	18.9	10.7	10.3	51.6	51.0
Rural.....	16.1	16.5	9.3	9.1	60.3	62.2
Wisconsin.....	20.7	21.5	10.1	10.7	66.5	69.9
Urban.....	23.5	23.3	11.0	11.8	68.6	76.8
Rural.....	19.0	20.4	9.6	10.0	64.9	65.2
Wyoming.....	24.0	23.4	9.5	10.3	63.8	79.6
Urban.....	31.5	34.9	12.3	16.1	73.1	102.2
Rural.....	22.5	21.4	8.9	9.3	61.3	73.5

¹ Not in the registration area in 1923.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924

[The 1924 figures are provisional. Cities having incomplete data for either births or deaths are shown at the end of this table. Cities designated by asterisks (*) contain either State institutions or institutions for the care of children]

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths			
	1924	1923	1924	1923	1924	1923
<i>California</i>						
Alameda.....	17.1	16.2	10.1	10.2	50.4	40.1
Bakersfield.....	31.6	32.8	19.2	18.0	95.4	85.2
Berkeley.....	14.1	15.4	9.8	9.0	50.5	41.3
Eureka.....	30.8	29.0	19.1	22.5	58.1	95.9
Fresno.....	24.7	25.7	9.8	11.9	59.9	89.8
Glendale.....	39.5	36.8	24.8	23.7	48.2	41.6
Long Beach.....	27.8	27.0	14.3	15.7	40.6	41.1
Los Angeles.....	(1)	(1)	(1)	(1)	66.0	72.1
Oakland.....	18.3	17.3	11.2	10.8	65.7	62.7
Pasadena.....	24.9	22.1	15.3	14.7	45.3	36.5
Pomona.....	22.6	24.5	13.8	15.2	70.8	63.9
Richmond.....	16.1	15.3	6.0	6.0	60.7	60.5
Riverside.....	26.2	24.4	17.8	17.6	91.6	94.5
Sacramento.....	28.6	26.8	17.6	17.0	69.9	66.2
San Bernardino.....	35.7	35.0	23.2	25.0	101.5	112.2

¹ Population not estimated.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
California—Continued						
San Diego.....	23.1	22.9	17.2	16.8	54.8	59.3
San Francisco.....	16.5	16.0	13.6	13.6	55.8	58.3
San Jose.....	20.5	18.3	11.1	10.7	52.5	52.2
Santa Ana.....	28.6	29.7	17.2	16.9	111.9	80.2
Santa Barbara.....	20.2	21.1	12.1	13.4	63.8	61.3
Santa Cruz.....	21.4	20.8	19.8	23.1	29.9	26.4
Santa Monica.....	32.8	34.0	21.2	21.4	54.5	88.7
Stockton *.....	20.1	21.1	13.4	13.9	64.9	78.1
Vallejo.....	8.7	10.2	7.5	7.6	67.0	63.5
Venice.....	10.2	7.8	9.1	7.5	71.4	78.4
Connecticut						
Ansonia.....	16.0	18.3	8.2	9.5	116.7	97.1
Bridgeport.....	(1)	(1)	(1)	(1)	56.2	79.9
Bristol.....	25.2	23.9	8.9	10.4	79.6	77.5
Danbury town.....	23.1	23.8	14.3	19.2	64.0	96.0
Derby.....	35.3	36.3	14.6	16.6	73.9	89.2
East Hartford town.....	11.2	10.5	7.5	7.7	67.1	66.2
Enfield town.....	23.3	23.8	10.7	9.6	67.8	84.5
Fairfield town.....	15.7	15.4	7.8	6.9	73.1	77.3
Greenwich town.....	19.2	18.1	10.6	12.1	69.3	61.8
Hartford.....	25.9	25.4	11.6	13.1	61.8	79.3
Manchester town.....	22.2	20.4	8.7	9.5	52.5	70.7
Meriden town.....	19.4	21.4	12.4	12.1	67.3	69.3
Middletown town *.....	27.1	26.4	22.9	22.4	70.1	71.9
Milford town.....	12.2	12.8	9.3	9.5	63.7	44.6
Naugatuck borough.....	10.4	11.5	5.5	7.3	65.5	98.4
New Britain.....	24.8	25.5	9.6	8.7	77.1	79.1
New Haven.....	22.8	22.9	12.2	12.6	72.2	74.4
New London.....	27.8	27.0	14.5	15.0	59.3	83.7
Norwalk.....	23.6	20.2	12.5	13.7	59.2	75.1
Norwich town *.....	27.2	26.2	17.3	16.6	70.2	65.6
Orange town.....	22.2	20.9	14.0	14.8	66.0	54.1
Stamford town.....	29.5	24.2	13.5	11.8	67.3	59.0
Stonington town.....	16.0	15.5	9.1	10.4	58.1	78.8
Stratford town.....	15.0	14.7	8.8	8.0	73.3	59.9
Torrington town.....	20.7	18.8	9.5	8.3	56.8	62.2
Wallingford town.....	14.9	14.9	8.4	10.8	43.2	32.8
Waterbury.....	(1)	(1)	(1)	(1)	77.1	88.9
Windham town.....	24.1	25.4	12.4	15.7	49.1	88.6
Delaware						
Wilmington.....	19.2	19.8	11.7	13.2	90.9	98.5
District of Columbia						
Washington.....	19.0	18.9	13.5	14.9	76.0	91.8
Florida						
Jacksonville.....	22.2	(2)	17.7	17.3	97.6	(2)
Key West.....	18.9	(2)	12.2	11.5	93.2	(2)
Miami.....	40.5	(2)	22.4	18.2	102.5	(2)
Pensacola.....	20.3	(2)	14.2	13.4	102.0	(2)
St. Petersburg.....	18.9	(2)	18.8	16.9	90.0	(2)
Tampa.....	25.1	(2)	13.4	11.5	61.8	(2)
Illinois						
Alton.....	25.7	25.1	14.6	14.1	91.2	84.1
Aurora.....	25.3	23.8	12.6	13.3	54.9	61.4
Belleville.....	17.5	19.2	12.5	14.3	79.6	91.8
Berwyn.....	15.9	14.2	7.1	7.6	52.4	94.3
Bloomington.....	18.1	19.5	13.5	13.6	73.4	69.2
Blue Island.....	29.8	23.9	14.2	16.4	75.5	106.3
Cairo.....	16.9	14.2	17.7	17.0	141.2	155.3
Canton.....	21.7	20.8	14.6	17.4	71.1	109.2
Centralia.....	24.7	23.0	12.0	15.3	91.2	131.8
Champaign.....	21.8	20.3	12.1	11.5	92.3	59.0
Chicago.....	20.0	19.4	11.2	11.7	76.8	87.3
Chicago Heights.....	19.5	23.0	9.1	12.7	82.9	126.8

¹ Population not estimated.

² Not in the birth registration area in 1923.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
Illinois—Continued						
Cicero.....	10.4	12.4	4.8	5.3	87.8	90.6
Danville.....	21.1	23.9	14.3	17.0	75.5	80.7
Decatur.....	22.1	22.0	12.3	13.4	77.0	84.3
East St. Louis.....	20.6	19.5	11.9	13.5	106.4	108.2
Elgin*.....	22.1	19.3	21.5	23.3	58.0	48.2
Evanston.....	34.7	31.7	11.2	11.5	43.2	45.7
Forest Park.....	6.3	7.7	9.0	8.6	125.0	73.7
Freeport.....	24.6	22.3	15.2	16.2	49.5	66.2
Galesburg.....	24.0	23.9	14.0	16.9	64.2	82.1
Granite City.....	32.3	26.5	12.2	13.7	83.2	78.7
Herrin.....	26.4	29.0	11.1	10.9	94.1	110.5
Jacksonville*.....	20.1	19.4	32.6	31.8	71.9	78.2
Joliet.....	19.9	20.2	11.9	12.6	91.2	102.2
Kankakee.....	25.8	24.8	14.0	13.5	74.5	74.3
Kewanee.....	18.5	19.1	10.0	12.9	89.1	85.2
La Salle.....	25.2	23.5	11.7	12.7	77.8	81.2
Lincoln*.....	21.7	18.5	16.0	24.9	67.2	137.2
Mattoon.....	25.3	25.9	15.8	14.3	89.9	72.8
Maywood.....	12.7	11.7	7.4	7.0	68.2	63.7
Moline.....	18.9	19.1	9.3	10.5	61.9	65.5
Murphysboro.....	16.1	22.3	12.0	14.5	66.3	60.6
Oak Park.....	43.5	37.6	14.4	13.8	29.4	37.2
Ottawa.....	27.1	26.0	13.6	17.7	68.0	99.0
Pekin.....	24.0	24.9	12.5	10.8	66.9	68.8
Peoria.....	16.3	17.8	13.7	15.3	84.5	89.0
Quincy.....	20.4	20.6	14.3	16.0	64.0	60.8
Rock Island.....	11.5	11.0	8.8	8.2	51.1	78.6
Rockford.....	21.3	19.9	9.1	10.4	57.4	86.1
Springfield.....	22.5	21.9	15.5	17.0	69.4	79.9
Streator.....	30.6	26.3	14.8	14.1	45.7	61.1
Urbana.....	18.8	14.8	13.2	9.9	66.7	55.6
Waukegan.....	20.4	20.3	10.2	11.3	68.6	118.6
Indiana						
Anderson.....	21.1	20.0	12.1	11.6	68.8	83.3
Bloomington.....	35.1	33.8	13.7	14.3	52.8	70.2
Clinton.....	16.8	18.2	8.4	6.9	122.2	91.3
Crawfordsville.....	18.6	17.8	16.4	15.1	35.9	70.3
East Chicago.....	24.4	24.5	10.2	10.4	139.5	123.1
Elkhart.....	23.4	23.5	11.1	12.9	54.7	65.4
Elwood.....	24.5	24.9	11.8	12.8	83.3	84.9
Evansville.....	19.5	19.3	11.9	11.7	68.5	72.6
Fort Wayne.....	25.2	22.7	11.1	12.9	56.8	62.2
Frankfort.....	23.2	18.4	12.2	13.3	64.0	78.3
Gary.....	27.4	24.5	13.0	12.5	87.7	98.7
Hammond.....	27.0	23.7	9.1	10.9	72.5	107.9
Huntington.....	23.8	21.6	11.3	12.3	56.8	30.4
Indianapolis.....	20.9	20.7	13.1	14.4	77.1	86.3
Jeffersonville.....	23.6	19.8	15.3	15.1	105.0	55.0
Kokomo.....	22.5	22.9	10.6	11.6	77.0	72.0
La Porte.....	24.7	21.8	11.9	13.8	35.5	68.9
Lafayette.....	29.1	30.9	19.0	20.7	53.9	50.0
Logansport.....	18.7	19.8	11.0	12.7	44.5	46.9
Marion.....	21.6	21.7	11.9	14.8	62.8	83.5
Michigan City.....	29.7	28.4	14.6	14.5	70.2	79.0
Mishawaka.....	45.9	38.6	15.5	14.3	57.1	65.9
Muncie.....	21.3	20.2	12.1	13.5	83.7	84.8
New Albany.....	23.4	21.8	13.7	13.8	42.7	41.9
New Castle.....	19.1	18.4	9.3	10.2	73.0	77.7
Peru.....	23.1	22.3	12.7	13.7	75.3	64.3
Richmond.....	16.2	14.9	10.2	11.2	57.4	65.7
South Bend.....	30.9	28.2	12.0	11.6	64.3	70.7
Terre Haute.....	21.0	21.4	13.9	14.0	77.9	70.7
Vincennes.....	24.8	23.3	16.7	14.7	91.5	72.1
Whiting.....	21.5	19.3	7.0	8.3	82.7	99.5
Maine						
Auburn.....	14.4	15.6	10.5	12.2	85.6	105.5
Augusta*.....	24.9	26.4	22.7	23.5	91.2	55.1
Bangor*.....	21.1	18.8	19.3	20.2	69.6	76.5
Bath.....	12.7	12.0	8.8	9.8	105.5	85.0
Biddeford.....	36.9	35.3	14.6	17.0	85.3	115.9
Lewiston.....	30.6	33.1	16.6	19.3	117.8	107.2
Portland.....	21.8	22.4	14.3	15.6	79.8	74.6
Sanford town.....	39.2	29.9	9.8	14.2	62.4	109.8
Waterville.....	31.6	30.9	14.3	15.0	93.3	71.6

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
Maryland						
Annapolis.....	21.3	21.6	11.8	15.1	79.8	129.8
Baltimore.....	22.2	22.7	14.4	15.0	85.0	85.6
Cumberland.....	26.8	27.7	13.9	16.2	79.1	106.1
Frederick.....	26.8	27.7	20.5	25.0	93.5	79.9
Hagerstown.....	22.1	22.6	13.1	13.9	79.3	88.2
Michigan						
Adrian.....	24.4	24.0	15.6	16.0	43.0	78.0
Alpena.....	31.9	30.4	14.9	18.6	70.6	91.7
Ann Arbor.....	31.7	33.6	29.7	28.9	66.9	100.4
Battle Creek.....	19.4	19.1	13.2	13.4	81.4	87.6
Bay City.....	23.1	21.3	12.6	12.2	49.8	93.3
Benton Harbor.....	30.5	26.5	16.3	13.5	84.1	68.0
Detroit.....	(1)	(1)	(1)	(1)	78.9	86.6
Escanaba.....	35.6	36.3	14.8	15.9	70.8	79.8
Flint.....	(1)	(1)	(1)	(1)	68.9	98.0
Grand Rapids.....	22.3	22.7	10.3	11.7	52.9	63.3
Hamtramck.....	19.7	23.1	5.4	6.2	108.2	112.4
Highland Park.....	22.9	23.3	8.2	8.3	71.7	62.8
Holland.....	26.5	27.5	10.0	10.0	58.1	48.3
Ironwood.....	21.2	25.5	11.4	10.3	121.2	70.1
Ishpeming.....	25.5	22.3	11.5	11.4	56.0	102.6
Jackson.....	20.2	20.2	11.6	12.2	61.7	81.6
Kalamazoo.....	26.4	25.5	16.6	18.1	54.0	62.8
Lansing.....	24.3	23.5	10.7	11.8	74.7	80.6
Marquette.....	27.7	27.1	14.0	13.8	78.8	56.0
Monroe.....	24.2	24.6	11.4	12.3	144.1	79.8
Muskegon.....	28.0	28.3	12.2	14.2	70.8	85.9
Owosso.....	23.8	24.1	13.6	16.3	63.3	103.7
Pontiac.....	22.8	23.0	14.3	14.4	91.8	81.9
Port Huron.....	24.1	23.7	14.3	14.5	79.5	89.0
Saginaw.....	23.2	21.8	12.5	14.0	75.5	85.5
Sault Ste. Marie.....	27.4	27.0	11.7	14.7	63.4	95.1
Traverse City.....	17.2	17.0	30.2	30.9	69.1	91.4
Wyandotte.....	28.0	31.1	9.7	14.6	80.9	126.5
Minnesota						
Austin.....	24.2	25.9	9.8	11.8	67.9	75.3
Duluth.....	22.3	22.6	9.6	10.1	63.8	72.5
Faribault.....	24.1	23.0	16.6	18.6	48.3	58.8
Hibbing.....	32.5	30.7	8.4	8.7	56.3	71.0
Mankato.....	29.8	29.3	14.8	15.7	44.9	56.8
Minneapolis.....	23.4	23.7	11.2	11.1	53.5	54.1
Rochester.....	23.0	23.0	50.7	57.8	55.6	71.4
St. Cloud.....	34.1	32.1	11.5	12.4	52.9	86.0
St. Paul.....	25.2	25.3	12.0	12.9	56.5	66.1
Virginia.....	21.1	19.1	7.7	8.3	60.4	85.6
Winona.....	25.3	23.1	13.6	13.0	55.0	47.1
Mississippi						
Biloxi.....	31.1	26.1	16.6	12.9	112.6	89.5
Columbus.....	19.2	16.9	15.4	10.4	93.0	80.2
Greenville.....	22.2	22.3	23.9	23.0	96.4	91.2
Hattiesburg.....	30.5	19.6	16.5	9.4	75.3	40.7
Jackson.....	30.8	25.8	24.3	27.2	137.7	114.6
Laurel.....	37.6	36.1	16.9	18.7	49.4	49.3
Meridian.....	24.4	22.7	18.0	17.4	96.9	82.6
Natchez.....	20.6	16.4	21.6	17.8	108.6	118.5
Vicksburg.....	26.6	26.2	38.6	34.2	75.0	101.3
Montana						
Anaconda.....	18.0	18.5	9.9	11.5	67.3	88.5
Billings.....	21.9	26.9	12.3	12.8	94.0	83.5
Butte.....	14.2	15.0	13.7	12.8	85.8	75.2
Great Falls.....	25.5	27.6	10.8	9.4	64.0	44.3
Helena.....	22.8	22.8	16.1	15.5	65.7	73.0
Missoula.....	33.2	36.1	16.9	18.3	52.3	96.3

¹ Population not estimated.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
Nebraska						
Grand Island	23.7	24.0	17.5	16.7	96.7	94.4
Hastings	24.5	25.0	14.3	15.8	86.8	83.3
Lincoln	22.6	23.7	12.1	11.9	57.0	55.2
North Platte	18.9	20.5	10.4	10.2	93.1	93.8
Omaha	24.3	24.0	12.7	13.2	65.8	71.1
New Hampshire						
Berlin	30.4	30.6	10.2	9.6	83.6	94.4
Concord	21.4	17.7	19.0	21.6	53.9	80.6
Dover	23.8	23.8	14.4	15.7	87.1	77.4
Keene	26.8	21.9	16.3	16.4	76.4	47.1
Laconia	29.4	28.5	16.3	18.9	63.6	110.1
Manchester	25.7	25.0	11.9	12.8	92.6	117.2
Nashua	28.2	25.9	12.4	15.4	75.7	109.5
Portsmouth	18.2	19.1	12.4	12.0	67.7	76.4
New Jersey						
Asbury Park	15.0	15.9	10.8	13.8	59.7	85.7
Atlantic City	23.9	24.0	18.6	19.7	76.9	85.3
Bayonne	24.5	26.1	8.4	8.3	71.6	61.8
Belleville	19.0	19.7	13.1	10.9	94.6	54.4
Bloomfield	11.2	11.8	7.1	7.0	77.7	37.9
Bridgeton	24.4	23.6	15.3	18.9	85.5	61.9
Camden	26.0	25.6	13.8	14.5	90.6	88.8
Carteret	22.5	25.2	6.5	6.3	92.1	95.1
Clifton	16.9	17.1	6.9	7.0	78.4	66.3
East Orange	5.2	6.2	6.3	8.1	66.2	56.7
Elizabeth	(1)	(1)	(1)	(1)	66.6	68.5
Englewood	48.7	41.6	20.0	19.3	72.8	41.3
Garfield	27.9	27.9	6.8	6.7	66.7	71.1
Gloucester	17.6	18.1	10.1	10.7	63.6	109.2
Hackensack	43.9	39.7	19.7	20.6	58.8	59.7
Harrison	23.7	23.3	8.8	8.1	69.9	63.8
Hoboken	21.6	21.7	14.0	13.0	71.3	74.4
Irvington	16.8	12.8	8.9	8.4	44.9	61.9
Jersey City	23.6	23.7	12.2	12.0	76.6	76.2
Kearny	16.0	18.8	10.0	10.7	65.6	53.9
Long Branch	41.6	47.2	29.0	29.4	84.7	93.5
Millville	23.0	23.3	10.9	16.0	74.6	102.5
Montclair	10.9	9.7	7.1	8.0	88.6	95.1
Morristown	42.6	43.3	22.8	25.1	61.7	99.3
New Brunswick	30.3	27.4	14.2	14.5	58.8	68.8
Newark	25.7	25.3	11.2	11.6	64.6	67.7
Orange	49.5	46.2	15.0	16.9	45.1	42.5
Passaic	28.0	27.2	9.2	10.8	64.6	74.5
Paterson	22.0	22.0	12.1	13.1	65.2	67.5
Perth Amboy	26.3	25.8	10.5	9.4	79.9	73.7
Phillipsburg	20.8	20.7	11.5	9.5	86.4	80.4
Plainfield	31.5	29.2	13.7	14.7	55.3	69.1
Rahway	19.4	23.7	10.9	11.4	69.9	47.1
Summit	27.2	23.7	14.9	12.8	54.8	53.0
Trenton	24.5	24.6	14.4	14.0	92.0	78.1
Union	21.7	20.9	8.6	8.7	60.1	55.7
West Hoboken	18.2	19.5	6.3	6.4	52.1	50.4
West New York	17.5	17.6	5.4	5.2	33.6	44.0
West Orange	11.0	12.2	7.5	7.6	67.0	42.9
New York						
Albany	20.2	19.5	15.4	16.2	71.8	90.0
Amsterdam	23.9	25.9	11.6	11.4	52.0	61.7
Auburn	20.3	20.5	12.7	13.2	76.0	67.7
Batavia	28.8	28.8	16.2	18.3	60.5	100.7
Beacon	18.8	17.9	17.0	19.2	101.0	55.6
Binghamton	20.4	20.7	14.2	15.9	74.1	72.5
Buffalo	23.6	23.0	12.7	13.5	84.2	89.8
Cohoes	23.0	21.4	12.7	13.7	83.3	101.4
Corning	24.4	23.1	13.2	15.1	70.7	86.2
Cortland	26.1	24.1	18.6	18.1	103.3	74.4
Dunkirk	24.9	25.2	13.3	13.9	81.2	86.8
Elmira	22.6	22.0	13.4	14.0	88.9	93.2
Fulton	24.0	24.6	11.2	14.0	76.2	90.1
Geneva	24.4	23.3	13.8	14.5	65.3	91.9
Glens Falls	24.2	23.6	18.3	15.6	95.5	74.3

¹ Population not estimated.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
New York—Continued						
Gloversville.....	18.2	19.7	16.0	14.7	58.1	58.6
Herkimer.....	22.1	26.7	11.3	15.6	65.1	74.9
Hornell.....	19.0	20.0	12.4	14.0	63.8	80.4
Hudson.....	30.9	31.3	19.2	18.3	73.8	62.2
Ilion.....	18.5	14.6	13.9	12.5	86.8	94.1
Ithaca.....	24.7	24.1	17.0	17.6	53.8	72.3
Jamestown.....	21.8	22.1	12.7	12.9	70.1	68.6
Johnstown.....	10.6	11.9	11.8	13.3	59.3	136.4
Kingston.....	22.1	21.4	19.0	19.6	66.8	98.6
Lackawanna*.....	46.7	44.3	14.5	20.5	102.2	161.7
Little Falls.....	24.5	21.8	13.1	11.3	82.3	72.4
Lockport.....	21.8	21.5	13.4	14.4	41.1	92.4
Middletown*.....	18.8	16.5	22.1	21.6	56.1	74.5
Mount Vernon.....	21.1	22.3	9.2	9.5	61.9	49.5
New Rochelle.....	20.0	18.0	9.8	8.9	49.1	47.3
New York.....	21.6	21.7	11.8	11.7	67.7	66.6
Bronx Borough.....	17.4	17.7	9.3	9.0	59.7	56.3
Brooklyn Borough.....	23.1	22.8	10.8	11.1	63.5	59.7
Manhattan Borough.....	22.1	22.7	14.0	13.4	73.9	76.3
Queens Borough.....	20.3	19.4	10.2	11.1	69.2	67.1
Richmond Borough.....	22.3	22.4	16.6	13.2	60.2	62.3
Newburgh.....	19.8	20.4	15.1	15.9	62.4	68.9
Niagara Falls.....	26.7	26.5	9.4	11.0	62.3	53.7
North Tonawanda.....	20.7	21.2	11.7	12.4	93.0	109.6
Ogdensburg*.....	28.5	26.1	31.1	33.4	107.9	141.7
Olean.....	21.7	24.1	12.3	13.7	73.6	91.9
Oneida.....	23.9	20.7	13.9	17.5	54.3	102.1
Oneonta.....	21.4	22.2	15.5	18.7	74.3	102.2
Ossining.....	24.2	24.8	16.3	16.6	46.2	45.1
Oswego.....	19.1	22.6	12.5	15.6	92.5	110.3
Peeckskill.....	23.1	22.2	11.9	14.5	70.1	78.9
Plattsburg.....	31.6	30.0	21.8	21.7	89.9	107.0
Port Chester.....	34.9	31.9	11.2	14.3	53.2	66.4
Port Jervis.....	21.4	22.2	18.2	15.2	93.8	86.6
Poughkeepsie.....	17.9	20.3	13.2	14.6	91.8	85.2
Rensselaer.....	9.3	10.8	9.7	11.6	79.2	102.6
Rochester.....	20.1	20.7	11.1	11.6	58.8	68.1
Rome*.....	25.3	23.5	17.2	19.4	58.4	82.3
Saratoga Springs.....	22.5	22.5	21.3	17.9	40.4	60.8
Schenectady.....	18.5	17.8	10.0	10.4	65.3	69.4
Syracuse.....	22.1	22.7	12.0	13.0	69.4	82.8
Tonawanda.....	20.8	20.6	9.5	8.5	70.5	45.2
Troy.....	21.0	19.6	18.3	18.1	92.1	100.4
Utica*.....	22.1	23.1	14.9	15.4	81.0	81.1
Watertown.....	25.3	23.9	16.0	16.1	95.7	82.6
Watervliet.....	13.4	17.3	10.2	11.4	126.7	84.2
White Plains.....	23.7	23.8	11.7	11.2	49.8	35.6
Yonkers.....	21.7	22.2	9.9	10.1	72.1	58.6
North Carolina						
Asheville*.....	31.5	26.4	24.0	25.2	105.7	133.3
Charlotte.....	31.8	29.3	15.6	15.3	79.2	101.5
Durham.....	25.4	26.9	17.7	15.8	119.7	135.9
Gastonia.....	41.0	42.4	10.7	16.3	54.4	99.4
Goldsboro*.....	27.4	29.1	17.5	18.8	125.0	159.3
Greensboro.....	30.8	25.6	11.8	12.0	69.2	78.0
High Point.....	35.1	32.2	14.5	11.2	93.4	69.6
New Bern.....	24.4	21.9	18.0	18.3	127.5	134.3
Raleigh*.....	30.1	28.2	20.7	23.6	108.4	122.6
Rocky Mount.....	34.3	33.8	18.9	17.4	95.2	105.8
Salisbury.....	26.8	25.2	10.7	11.0	61.5	80.1
Wilmington.....	27.0	27.9	15.7	14.9	128.2	90.2
Wilson.....	36.1	33.2	17.2	17.3	100.4	102.8
Winston-Salem.....	29.0	26.3	15.9	14.5	137.5	139.5
North Dakota						
Fargo.....	30.8	(?)	13.2	(?)	78.5	(?)
Grand Forks.....	33.7	(?)	11.2	(?)	40.4	(?)
Minot.....	25.6	(?)	12.8	(?)	82.8	(?)

* Not in the registration area in 1923.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths			
	1924	1923	1924	1923	1924	1923
Ohio						
Akron.....	(1)	(1)	(1)	(1)	61.1	65.7
Alliance.....	21.0	22.7	10.6	11.2	80.1	68.6
Ashtabula.....	24.6	24.7	11.4	12.1	61.1	68.3
Barberton.....	22.0	20.7	9.9	9.5	87.0	96.0
Bellaire.....	24.4	23.9	12.0	12.6	115.1	105.8
Bucyrus.....	17.8	18.6	11.1	11.7	58.5	67.0
Cambridge.....	23.2	27.4	13.1	14.8	40.5	53.3
Canton.....	24.1	24.1	10.1	10.4	80.7	61.8
Chillicothe.....	25.0	25.7	14.2	14.8	75.4	97.9
Cincinnati.....	21.6	20.5	15.2	16.1	78.8	79.9
Cleveland.....	23.0	23.2	10.2	10.8	66.1	67.2
Cleveland Heights.....	4.1	4.4	8.7	9.0	46.5	103.4
Columbus.....	21.2	21.1	13.2	15.3	65.3	75.5
Coshocton.....	17.8	19.7	12.1	14.8	83.7	45.0
Cuyahoga Falls.....	18.8	20.2	7.4	9.3	28.5	75.7
Dayton.....	19.6	18.9	10.9	11.8	72.1	70.4
East Cleveland.....	3.2	5.0	6.4	6.6	149.1	82.4
East Liverpool.....	30.1	26.2	14.1	15.0	60.8	91.1
East Youngstown.....	27.1	30.8	7.8	8.6	110.8	119.5
Elyria.....	22.7	23.4	11.2	11.0	56.8	45.2
Findlay.....	20.6	19.7	13.6	15.3	78.0	77.1
Fremont.....	15.5	17.7	8.8	10.5	75.5	67.5
Hamilton.....	27.7	26.1	12.7	13.5	69.9	75.0
Ironton*.....	26.9	28.9	15.8	16.9	90.4	104.1
Kenmore.....	20.3	23.5	4.4	5.0	62.2	57.2
Lakewood.....	13.1	14.5	7.4	8.4	55.1	76.8
Lancaster.....	23.3	22.8	14.4	14.6	70.3	65.9
Lima.....	24.1	23.7	12.4	13.6	72.6	66.0
Lorain.....	25.5	24.8	10.2	11.1	54.9	91.6
Mansfield.....	21.2	19.8	10.7	12.7	68.2	73.3
Marietta.....	20.9	19.8	14.6	14.5	100.6	53.2
Marion.....	20.6	20.0	10.2	13.4	59.9	97.4
Martins Ferry.....	19.3	23.5	13.5	15.6	108.5	98.3
Massillon.....	23.7	23.6	13.0	12.7	64.6	66.1
Middletown.....	29.1	29.4	9.8	10.4	73.0	80.9
New Philadelphia.....	23.4	23.4	9.4	9.9	25.4	70.4
Newark.....	20.2	19.3	12.5	14.2	81.4	68.5
Niles.....	20.9	20.7	5.8	7.1	62.5	92.9
Norwood.....	7.0	7.4	6.4	5.7	93.1	62.8
Piqua.....	19.2	20.7	15.1	15.1	79.2	68.1
Portsmouth.....	28.0	27.9	13.6	14.2	92.3	101.9
Salem.....	26.3	25.3	15.5	17.5	59.0	62.3
Sandusky.....	22.2	21.6	13.0	13.8	53.9	69.6
Springfield.....	18.7	19.8	12.1	13.2	59.8	91.5
Steubenville.....	25.1	23.1	15.2	15.6	94.1	81.7
Tiffin.....	17.1	18.2	13.7	15.9	106.9	83.3
Toledo.....	20.7	20.6	11.7	12.6	69.2	74.2
Warren.....	26.2	25.5	12.0	12.2	65.4	70.2
Youngstown.....	27.3	25.4	10.7	11.3	72.8	86.7
Zanesville.....	20.9	24.3	16.0	16.2	89.7	99.9
Oregon						
Astoria.....	17.6	16.8	9.8	11.1	42.4	68.7
Eugene.....	39.3	30.7	20.6	15.6	29.7	41.4
Portland.....	18.7	18.4	11.7	11.2	53.6	52.7
Salem.....	20.4	15.3	32.6	33.1	53.2	61.9
Pennsylvania						
Allentown.....	20.8	21.2	13.1	14.2	97.9	94.9
Altoona.....	26.5	24.8	11.0	12.5	54.9	72.1
Ambridge.....	21.6	20.4	5.5	7.5	71.2	63.7
Beaver Falls.....	24.2	24.5	16.6	14.6	91.5	81.5
Berwick.....	25.7	25.0	10.3	11.7	72.2	83.6
Bethlehem.....	21.9	23.8	7.6	8.7	62.0	68.2
Braddock.....	33.3	34.7	18.1	17.1	116.8	86.1
Bradford.....	25.1	25.2	16.0	15.4	53.0	63.1
Bristol.....	28.2	27.5	10.4	11.4	80.8	72.0
Butler.....	23.2	25.4	10.8	10.6	57.1	55.7
Cannonsburg.....	25.4	23.7	9.7	9.0	75.8	71.2
Carbondale.....	30.4	25.0	15.1	15.4	98.5	110.2
Carlisle.....	21.6	23.7	18.1	16.7	79.4	94.7

* Population not estimated.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths		1924	1923
	1924	1923	1924	1923		
Pennsylvania—Continued						
Carnegie	25.4	26.7	8.4	8.8	77.4	93.2
Carrick	20.0	18.8	7.8	8.3	71.7	48.5
Chambersburg	22.5	20.3	13.8	15.1	74.0	97.1
Charleroi	21.9	21.1	6.3	8.1	103.3	65.9
Chester	23.4	23.6	10.3	12.8	87.3	97.6
Coatesville	17.4	17.5	7.1	8.5	75.0	87.3
Columbia	26.3	23.6	14.5	14.8	101.8	58.6
Connellsville	21.9	22.1	12.2	12.9	80.1	100.0
Dickson City	30.1	28.5	7.8	7.0	78.7	81.1
Donora	29.0	28.5	7.3	7.1	91.9	94.5
Du Bois	27.2	26.0	12.1	12.4	62.2	115.1
Dunmore	24.2	25.5	11.9	11.8	142.3	151.6
Duquesne	25.1	25.2	9.0	8.7	120.4	115.9
Easton	21.6	21.6	17.0	17.1	84.4	97.4
Erie	(1)	(1)	(1)	(1)	68.8	68.0
Farrell	23.1	23.6	9.2	8.3	145.6	106.8
Greensburg	27.9	27.0	17.1	18.5	56.6	101.4
Harrisburg	20.6	19.8	14.3	15.1	75.6	86.5
Hazleton	28.6	26.9	12.4	12.3	79.8	93.1
Homestead	24.8	23.3	14.6	9.6	115.7	83.3
Jennette	28.9	29.8	7.5	10.1	38.9	106.5
Johnstown	32.3	29.0	13.2	15.1	82.3	89.6
Lancaster	25.9	27.0	17.2	17.0	84.3	81.1
Lebanon	23.5	25.0	16.3	16.0	90.0	107.4
McKees Rocks	25.6	26.3	8.1	11.1	72.1	124.2
McKeesport	28.5	28.0	16.4	14.4	97.9	78.3
Mahanoy City	22.2	21.7	11.0	11.7	95.1	124.3
Meadville	24.4	22.7	14.1	15.8	61.3	72.3
Monessen	27.5	28.8	8.5	6.4	105.4	69.0
Mount Carmel	33.8	30.1	11.8	10.4	84.7	104.6
Nanticoke	31.2	29.1	14.2	14.9	88.2	111.9
New Castle	28.9	28.4	12.3	11.2	77.7	82.0
New Kensington	32.6	34.4	14.5	17.3	65.9	66.5
Norristown	23.8	22.6	20.2	22.6	85.5	108.1
North Braddock	25.8	26.1	8.0	9.1	118.2	88.5
Oil City	23.6	24.6	11.6	11.8	70.4	77.5
Old Forge	29.5	30.2	12.3	9.3	96.3	100.3
Olyphant	23.2	25.4	7.6	8.1	117.2	76.1
Philadelphia	21.2	21.2	12.9	13.8	75.2	79.6
Phoenixville	31.1	31.9	18.1	18.2	79.8	107.8
Pittsburgh	25.1	24.8	15.5	15.8	91.8	98.1
Pittston	33.8	29.8	11.8	10.4	80.2	128.7
Plymouth	29.4	25.2	10.0	8.2	76.3	72.3
Pottstown	23.7	21.1	14.6	16.9	64.5	104.7
Pottsville	27.0	24.6	20.5	18.3	93.3	97.6
Punxsutawney	25.5	26.3	15.1	18.4	80.9	141.3
Reading	21.2	21.4	13.5	13.6	79.0	85.2
Scranton	23.1	21.1	13.9	13.6	96.3	97.6
Shamokin	23.6	21.9	9.1	10.3	58.8	86.7
Sharon	23.0	23.0	12.4	13.7	78.4	76.8
Shenandoah	29.8	30.3	11.7	11.5	100.5	118.8
Steelton	21.9	24.5	9.5	13.1	105.4	127.7
Sunbury	20.7	21.0	11.0	11.9	58.1	81.2
Swissvale	16.1	14.3	8.0	8.8	59.4	97.7
Tamaqua	19.8	17.6	7.0	9.8	55.4	101.7
Uniontown	39.4	35.4	21.8	21.7	58.3	86.5
Warren	28.6	26.7	14.6	12.8	65.4	45.6
Washington	31.9	29.8	14.1	17.9	89.8	110.6
West Chester*	35.0	35.2	25.8	31.9	119.5	138.3
Wilkes-Barre	29.6	26.8	15.9	15.9	65.8	90.4
Wilkinsburg	23.6	22.4	14.6	15.8	53.7	71.4
Williamsport	22.6	24.6	14.0	15.7	67.0	75.0
Woodlawn	26.9	30.5	7.6	8.7	86.0	98.6
York	23.1	23.6	13.7	13.9	75.4	76.9
South Carolina						
Anderson	46.5	42.4	26.7	24.8	92.0	97.4
Charleston	23.7	24.3	20.3	20.3	153.4	149.9
Columbia*	26.0	25.8	27.4	25.0	103.3	105.4
Florence	32.9	31.5	27.5	24.9	128.3	141.0
Greenville	26.0	25.0	15.3	14.9	83.9	90.3
Spartanburg	24.6	24.4	16.6	12.7	126.8	61.9

¹ Population not estimated.

Birth, death, and infant mortality rates (exclusive of stillbirths) for cities in the birth registration area, 1923 and 1924—Continued

City	Rate per 1,000 population				Deaths under 1 year per 1,000 births	
	Births		Deaths			
	1924	1923	1924	1923	1924	1923
<i>Vermont</i>						
Barre.....	24.2	19.3	13.9	17.1	74.4	72.5
Burlington.....	30.7	28.5	16.5	15.9	88.7	104.0
Rutland.....	22.6	21.3	16.3	16.9	59.7	79.0
<i>Virginia</i>						
Alexandria.....	28.9	27.2	16.5	15.9	90.8	114.5
Charlottesville.....	22.1	27.7	12.9	16.5	89.4	75.4
Danville.....	28.1	29.1	15.4	16.0	103.4	93.3
Lynchburg.....	27.3	29.1	15.3	15.5	76.0	71.6
Newport News.....	11.6	16.5	7.5	9.5	91.1	81.5
Norfolk.....	17.3	18.4	10.6	11.5	81.6	97.1
Petersburg.....	21.7	21.3	15.2	15.4	143.8	102.9
Portsmouth.....	19.2	20.0	12.0	11.2	122.9	98.8
Richmond.....	23.7	23.8	15.3	15.6	87.6	110.0
Roanoke.....	31.9	32.2	13.6	14.4	85.0	91.2
Staunton.....	17.9	15.4	28.1	29.0	126.3	91.5
<i>Washington</i>						
Aberdeen.....	24.0	24.5	10.9	11.3	31.2	36.0
Bellingham.....	23.6	22.7	12.3	13.5	58.3	69.5
Everett.....	20.9	17.7	11.5	11.5	56.1	73.0
Hoquiam.....	23.0	21.8	9.0	9.9	67.7	59.8
Seattle.....	(1)	(1)	(1)	(1)	45.3	49.7
Spokane.....	(1)	(1)	(1)	(1)	51.7	48.3
Tacoma.....	21.7	21.3	11.1	10.9	56.8	48.4
Vancouver.....	17.8	18.2	11.0	10.9	71.4	31.7
Walla Walla.....	21.5	24.1	13.5	12.0	48.0	53.5
Yakima.....	27.9	29.2	15.6	15.1	75.8	59.4
<i>Wisconsin</i>						
Appleton.....	23.2	24.5	15.5	13.5	103.5	49.6
Ashland.....	27.9	25.4	23.0	16.7	75.9	66.0
Beloit.....	22.7	22.7	9.9	12.3	51.0	60.0
Eau Claire.....	28.6	31.8	16.3	17.2	69.5	66.2
Fond du Lac.....	27.3	27.7	14.2	15.0	61.5	69.0
Green Bay.....	29.6	28.6	15.7	17.9	66.1	93.9
Janesville.....	20.5	18.9	11.2	11.3	67.3	53.2
Kenosha.....	21.5	20.1	7.3	8.7	58.0	89.5
La Crosse.....	30.2	28.9	17.3	16.4	56.6	71.8
Madison.....	24.8	24.4	11.9	13.3	49.0	70.3
Manitowoc.....	22.5	21.8	11.3	12.4	81.3	107.4
Marinette.....	23.7	20.2	14.7	13.8	126.9	47.3
Milwaukee.....	22.6	22.7	9.8	10.8	70.3	78.7
Oshkosh.....	22.5	22.0	13.6	14.6	73.6	78.1
Racine.....	19.1	21.4	8.1	9.6	64.3	77.5
Sheboygan.....	24.9	22.9	11.6	12.5	55.9	79.0
Stevens Point.....	26.8	26.0	13.0	12.9	88.8	77.9
Superior.....	22.0	21.8	11.0	10.9	65.3	86.6
Waukesha.....	23.0	22.4	9.0	11.4	69.9	51.3
Wausau.....	29.8	28.0	14.7	13.5	86.0	65.5
West Allis.....	25.8	22.9	7.6	8.3	61.4	96.5
<i>Wyoming</i>						
Casper.....	35.9	41.0	12.9	18.9	74.0	99.8
Cheyenne.....	25.8	28.3	11.4	13.1	71.4	105.8

* Population not estimated.

Birth or death rates per 1,000 population, for the States and cities in the birth registration area from which either birth or death transcripts only have been received for the year

Area	Death rate per 1,000 population		Area	Death rate per 1,000 population	
	1924	1923		1924	1923
Kansas.....	9.9	11.0	Massachusetts—Continued.		
Urban.....	13.0	14.0	Danvers town*.....	24.5	28.1
Rural.....	8.8	10.0	Dedham town.....	9.3	10.4
Arkansas City.....	15.0	14.5	Easthampton town.....	8.0	9.6
Atchison.....	15.2	14.0	Everett.....	7.5	9.0
Chanute.....	13.4	16.1	Fall River.....	13.1	13.7
Coffeeville.....	12.5	14.1	Fitchburg.....	11.8	11.1
El Dorado.....	6.9	9.0	Framingham town.....	14.0	14.9
Emporia.....	16.9	16.1	Gardner town.....	13.3	12.7
Fort Scott.....	19.1	18.7	Gloucester.....	13.0	12.9
Hutchinson.....	9.7	10.9	Greenfield town.....	9.0	9.6
Independence.....	11.1	10.9	Haverhill.....	11.0	10.9
Kansas City.....	12.5	14.9	Holyoke*.....	13.0	13.8
Lawrence.....	15.2	14.1	Lawrence.....	10.7	11.7
Leavenworth.....	17.4	17.6	Leominster.....	12.3	11.3
Parsons.....	9.7	11.1	Lowell.....	13.3	14.6
Pittsburg.....	11.0	9.8	Lynn.....	11.1	11.7
Salina.....	12.4	11.7	Malden.....	10.0	11.8
Topeka.....	14.6	14.4	Marlborough.....	11.0	12.8
Wichita.....	12.4	14.5	Medford.....	9.4	9.6
Kentucky.....	10.5	11.9	Melrose.....	11.9	12.1
Urban.....	15.5	16.5	Methuen.....	12.3	12.5
Rural.....	9.3	10.8	Milford town.....	13.9	13.4
Ashland.....	11.8	15.7	Natick town.....	14.1	14.6
Covington.....	14.0	15.0	New Bedford.....	10.2	12.2
Henderson.....	18.1	16.3	Newburyport.....	15.4	16.1
Lexington*.....	22.7	23.4	Newton.....	10.3	11.4
Louisville.....	15.2	16.2	North Adams.....	12.7	12.8
Newport.....	10.4	11.1	Northampton*.....	17.3	19.5
Owensboro.....	17.1	17.1	Northbridge town.....	8.2	10.8
Paducah.....	20.5	17.1	Norwood town.....	8.5	8.4
Massachusetts.....	12.1	13.0	Peabody.....	11.3	10.9
Urban.....	11.9	12.7	Pittsfield.....	12.4	12.0
Rural.....	12.5	13.9	Plymouth town.....	11.9	11.7
Adams town.....	8.8	8.1	Quincy.....	8.8	9.5
Amesbury town.....	11.5	13.2	Revere.....	5.7	6.8
Arlington town.....	11.4	10.8	Salem.....	11.9	13.9
Attleboro.....	11.9	12.5	Saugus town.....	8.0	7.7
Belmont town.....	8.7	8.6	Somerville.....	9.7	11.2
Beverly.....	10.9	12.0	Southbridge town.....	9.0	8.6
Boston.....	14.1	14.9	Springfield.....	11.4	11.9
Braintree town.....	13.4	13.1	Taunton*.....	15.0	17.2
Brockton.....	10.2	10.6	Wakefield.....	9.7	10.9
Brookline town.....	10.4	10.8	Waltham.....	12.0	13.8
Cambridge.....	12.8	13.7	Watertown town.....	5.6	6.3
Chelsea.....	11.7	11.5	Webster town.....	6.6	9.4
Chicopee.....	8.5	9.1	West Springfield town.....	8.2	9.0
Clinton town.....	12.1	13.4	Westfield town.....	12.7	12.2
			Weymouth town.....	10.2	10.5
			Winchester town.....	10.8	11.6
			Winthrop town.....	9.2	8.6
			Woburn.....	11.5	11.9
			Worcester.....	12.6	13.1

Area	Birth rate per 1,000 population		Area	Birth rate per 1,000 population	
	1924	1923		1924	1923
Iowa.....	18.6	(1)	Iowa—Continued.		
Urban.....	20.3	(1)	Fort Dodge.....	23.9	(1)
Rural.....	18.0	(1)	Fort Madison.....	18.9	(1)
Boone.....	16.9	(1)	Iowa City.....	36.7	(1)
Hurlington.....	20.6	(1)	Keokuk.....	23.4	(1)
Cedar Rapids.....	17.8	(1)	Marshalltown.....	18.6	(1)
Clinton.....	17.8	(1)	Mason City.....	21.1	(1)
Council Bluffs.....	23.0	(1)	Muscatine.....	18.0	(1)
Davenport.....	14.3	(1)	Ottumwa.....	24.7	(1)
Des Moines.....	20.9	(1)	Sioux City.....	21.4	(1)
Dubuque.....	21.8	(1)	Waterloo.....	17.6	(1)

¹ Not in the registration area in 1923.

DEATHS DURING WEEK ENDED APRIL 25, 1925

Summary of information received by telegraph from industrial insurance companies for week ended April 25, 1925, and corresponding week of 1924. (From the Weekly Health Index, April 28, 1925, issued by the Bureau of the Census, Department of Commerce)

	Week ended Apr. 25, 1925	Corresponding week, 1924
Policies in force.....	59, 553, 173	55, 772, 326
Number of death claims.....	12, 989	12, 005
Death claims per 1,000 policies in force, annual rate.....	11. 4	11. 2

Deaths from all causes in certain large cities of the United States during the week ended April 25, 1925, infant mortality, annual death rate, and comparison with corresponding week of 1924. (From the Weekly Health Index, April 28, 1925, issued by the Bureau of the Census, Department of Commerce)

City	Week ended Apr. 25, 1925		Annual death rate per 1,000 corresponding week, 1924	Deaths under 1 year		Infant mortality rate week ended Apr. 25, 1925 ¹
	Total deaths	Death rate ²		Week ended Apr. 25, 1925	Corresponding week, 1924	
Total (63 cities).....	7, 597	14. 5	³ 14. 3	903	⁴ 924	
Albion.....	30			6	5	66
Albany.....	39	17. 0	13. 2	3	5	67
Atlanta.....	90	17. 9	19. 9	8	12	
Baltimore.....	237	15. 5	17. 9	24	32	70
Birmingham.....	65	16. 5	18. 4	9	9	
Boston.....	240	16. 0	15. 1	24	28	64
Bridgeport.....	32			3	1	48
Buffalo.....	193	18. 2	14. 5	27	33	110
Cambridge.....	39	18. 1	22. 8	4	4	69
Camden.....	52	21. 1	15. 7	9	9	148
Chicago.....	784	13. 6	12. 7	110	94	97
Cincinnati.....	152	19. 4	15. 6	7	13	41
Cleveland.....	224	12. 5	12. 3	20	29	50
Columbus.....	73	13. 9	12. 2	5	8	47
Dallas.....	48	12. 9	16. 1	7	12	
Denver.....	91			8	10	
Des Moines.....	47	16. 4	10. 1	8	1	137
Detroit.....	298			70	54	119
Duluth.....	26	12. 3	10. 1	2	6	42
Erie.....	29			4	8	78
Fall River.....	38	16. 4	9. 9	6	7	86
Flint.....	20			5	3	82
Fort Worth.....	37	12. 7	11. 6	5	2	
Grand Rapids.....	44	15. 2	10. 9	5	3	78
Houston.....	56			13	7	
Indianapolis.....	107	15. 5	11. 3	9	7	62
Jacksonville, Fla.....	38	18. 9	16. 3	5	3	111
Jersey City.....	77	12. 7	14. 2	9	14	63
Kansas City, Kans.....	31	13. 1	14. 1	5	6	105
Kansas City, Mo.....	114	16. 2	15. 7	14	15	
Los Angeles.....	216			27	20	75
Louisville.....	81	16. 3	14. 3	8	6	70
Lowell.....	27	12. 1	18. 5	2	4	35
Lynn.....	15	7. 5	7. 5	1	4	27
Memphis.....	64	19. 1	20. 3	6	8	
Milwaukee.....	155	16. 1	10. 2	22	16	101
Minneapolis.....	108	13. 2	11. 7	17	11	91
Nashville.....	54	22. 7	22. 4	5	3	
New Bedford.....	32	12. 3	15. 7	3	7	50
New Haven.....	52	15. 2	11. 0	4	6	52
New Orleans.....	172	21. 6	15. 5	29	14	
New York.....	1, 641	13. 8	13. 9	192	198	77
Bronx Borough.....	189	10. 9	10. 8	21	22	73
Brooklyn Borough.....	530	12. 4	12. 6	68	74	71
Manhattan Borough.....	719	16. 6	16. 2	86	82	86
Queens Borough.....	127	11. 5	13. 8	15	18	74
Richmond Borough.....	46	17. 9	16. 4	2	2	36

¹ Annual rate per 1,000 population.

² Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1924. Cities left blank are not in the registration area for births.

³ Data for 62 cities.

⁴ Deaths for week ended Friday, Apr. 24, 1925.

Deaths from all causes in certain large cities of the United States during the week ended April 25, 1925, infant mortality, annual death rate, and comparison with corresponding week of 1924. (From the Weekly Health Index, April 28, 1925, issued by the Bureau of the Census, Department of Commerce)—Continued

City	Week ended Apr. 25, 1925		Annual death rate per 1,000 corresponding week, 1924	Deaths under 1 year		Infant mortality rate week ended Apr. 25, 1925
	Total deaths	Death rate		Week ended Apr. 25, 1925	Corresponding week, 1924	
Newark, N. J.	120	13.8	14.0	21	25	96
Norfolk	36	11.1	14.0	5	4	89
Oakland	51	10.5	11.4	8	14	94
Oklahoma City	20	9.8	13.0	3	2	—
Omaha	78	19.2	13.5	11	5	106
Paterson	33	12.1	15.6	5	6	84
Philadelphia	487	12.8	15.4	51	66	64
Pittsburgh	206	17.0	17.7	33	14	116
Portland, Oreg.	76	14.0	11.1	5	7	52
Providence	80	17.0	15.6	9	13	72
Richmond	54	15.1	15.6	10	10	121
Rochester	106	16.7	—	12	—	95
St. Louis	227	14.4	17.0	14	23	—
St. Paul	77	16.3	14.5	10	12	85
Salt Lake City*	28	11.2	17.0	3	10	47
San Antonio	61	16.1	16.3	15	10	—
San Francisco	149	13.9	15.1	7	9	40
Schenectady	25	12.8	10.4	4	4	113
Seattle	84	—	—	5	3	51
Somerville	25	12.8	13.5	2	1	54
Spokane	28	—	—	2	6	44
Springfield, Mass.	38	13.0	12.3	1	3	15
Syracuse	50	13.6	11.9	14	7	176
Tacoma	29	14.5	10.1	1	4	24
Toledo	70	12.7	14.7	5	13	45
Trenton	52	20.5	17.7	7	5	114
Washington, D. C.	160	16.8	15.6	21	7	118
Waterbury	22	—	—	4	4	88
Wilmington, Del.	20	8.5	12.6	1	4	23
Worcester	34	8.9	16.3	3	7	35
Yonkers	19	8.9	10.5	1	1	22
Youngstown	30	9.8	13.1	7	9	89

* Deaths for week ended Friday, Apr. 24, 1925.

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers

Reports for Week Ended May 2, 1925

ALABAMA		CALIFORNIA	
	Cases		Cases
Cerebrospinal meningitis.....	2	Diphtheria.....	115
Chicken pox.....	44	Influenza.....	61
Diphtheria.....	7	Leprosy—Kings County.....	1
Dysentery.....	32	Lethargic encephalitis:	
Influenza.....	134	Kern County.....	1
Lethargic encephalitis.....	1	Los Angeles.....	1
Malaria.....	42	San Francisco.....	1
Measles.....	20	Measles.....	85
Mumps.....	64	Poliomyelitis:	
Paratyphoid fever.....	7	Kings County.....	1
Pellagra.....	36	Los Angeles.....	1
Pneumonia.....	111	Modesto.....	3
Scarlet fever.....	41	Redondo Beach.....	1
Smallpox.....	114	San Diego.....	3
Tetanus.....	2	San Francisco.....	2
Tuberculosis.....	69	Santa Paula.....	1
Typhoid fever.....	24	Rocky Mountain spotted fever—Lassen	
Whooping cough.....	43	County.....	1
		Scarlet fever.....	109
ARIZONA		Smallpox:	
Chicken pox.....	12	Corning.....	9
Diphtheria.....	5	Long Beach.....	11
Influenza.....	50	Los Angeles.....	42
Measles.....	63	Los Angeles County.....	13
Mumps.....	24	Oakland.....	19
Scarlet fever.....	8	San Diego.....	24
Smallpox.....	3	Scattering.....	51
Tuberculosis.....	29	Typhoid fever.....	11
Typhoid fever.....	2		
Whooping cough.....	19		
ARKANSAS		COLORADO	
Chicken pox.....	22	(Exclusive of Denver)	
Diphtheria.....	1	Chicken pox.....	20
Influenza.....	121	Diphtheria.....	15
Malaria.....	65	Influenza.....	1
Measles.....	29	Measles.....	5
Mumps.....	59	Mumps.....	20
Pellagra.....	17	Pneumonia.....	5
Scarlet fever.....	6	Scarlet fever.....	24
Smallpox.....	14	Septic sore throat.....	1
Trachoma.....	3	Trachoma.....	1
Tuberculosis.....	19	Tuberculosis.....	22
Typhoid fever.....	11	Typhoid fever.....	4
Whooping cough.....	20	Whooping cough.....	8

CONNECTICUT		ILLINOIS—continued	
	Cases		Cases
Botulism.....	1	Scarlet fever:	
Cerebrospinal meningitis.....	1	Cook County.....	221
Chicken pox.....	51	Peoria County.....	11
Diphtheria.....	28	Stephenson County.....	10
German measles.....	28	Scattering.....	95
Influenza.....	11	Smallpox.....	43
Lethargic encephalitis.....	1	Tuberculosis.....	229
Measles.....	207	Typhoid fever.....	7
Mumps.....	29	Whooping cough.....	285
Pneumonia (all forms).....	68		
Scarlet fever.....	107	INDIANA	
Septic sore throat.....	2	Anthrax—Henry County.....	1
Smallpox.....	2	Cerebrospinal meningitis.....	1
Tuberculosis (all forms).....	39	Chicken pox.....	31
Typhoid fever.....	6	Diphtheria.....	13
Whooping cough.....	165	Influenza.....	138
		Measles.....	103
DELAWARE		Mumps.....	3
Chicken pox.....	3	Pneumonia.....	10
Diphtheria.....	2	Scarlet fever.....	166
Measles.....	9	Smallpox.....	53
Pneumonia.....	1	Tuberculosis.....	40
Mumps.....	5	Typhoid fever.....	9
Scarlet fever.....	6	Whooping cough.....	8
Tuberculosis.....	1		
Typhoid fever.....	1	IOWA	
Whooping cough.....	1	Diphtheria.....	15
		Scarlet fever.....	20
GEORGIA		Smallpox.....	15
Chicken pox.....	34		
Conjunctivitis (acute).....	1	KANSAS	
Diphtheria.....	10	Chicken pox.....	60
Dysentery.....	50	Diphtheria.....	17
German measles.....	1	German measles.....	5
Hookworm disease.....	5	Influenza.....	6
Influenza.....	109	Measles.....	21
Malaria.....	64	Mumps.....	158
Measles.....	8	Pneumonia.....	21
Mumps.....	44	Rocky Mountain spotted fever.....	1
Pellagra.....	11	Scarlet fever.....	73
Pneumonia.....	34	Septic sore throat.....	1
Poliomyelitis.....	1	Smallpox.....	2
Scarlet fever.....	2	Tuberculosis.....	26
Septic sore throat.....	9	Typhoid fever.....	1
Smallpox.....	14	Whooping cough.....	30
Tuberculosis.....	9		
Typhoid fever.....	7	LOUISIANA	
Whooping cough.....	34	Dengue.....	7
		Diphtheria.....	12
ILLINOIS		Dysentery.....	6
Cerebrospinal meningitis:		Hookworm disease.....	80
Saline County.....	1	Influenza.....	97
Will County.....	1	Malaria.....	12
Diphtheria:		Pellagra.....	6
Cook County.....	72	Pneumonia.....	69
Scattering.....	19	Scarlet fever.....	18
Influenza.....	29	Smallpox.....	9
Lethargic encephalitis—Fulton County.....	1	Tuberculosis.....	47
Measles.....	1,505	Typhoid fever.....	33
Pneumonia.....	298	Whooping cough.....	16
Poliomyelitis:			
Coles County.....	1	MAINE	
Cook County.....	2	Chicken pox.....	37
Madison County.....	1	Diphtheria.....	3
		German measles.....	1
		Influenza.....	133

MAINE—continued

	Cases
Measles.....	14
Mumps.....	137
Pneumonia.....	17
Scarlet fever.....	22
Tuberculosis.....	11
Typhoid fever.....	3

MARYLAND¹

Cerebrospinal meningitis.....	1
Chicken pox.....	93
Diphtheria.....	31
Dysentery.....	2
German measles.....	3
Influenza.....	49
Lethargic encephalitis.....	2
Malaria.....	2
Measles.....	44
Mumps.....	96
Ophthalmia neonatorum.....	2
Paratyphoid fever.....	1
Pneumonia (all forms).....	96
Poliomyelitis.....	1
Scarlet fever.....	55
Septic sore throat.....	2
Smallpox.....	1
Tetanus.....	2
Tuberculosis.....	59
Typhoid fever.....	4
Vincent's angina.....	1
Whooping cough.....	108

MASSACHUSETTS

Cerebrospinal meningitis.....	6
Chicken pox.....	113
Conjunctivitis (suppurative).....	10
Diphtheria.....	63
German measles.....	228
Hookworm disease.....	2
Influenza.....	20
Lethargic encephalitis.....	2
Malaria.....	2
Measles.....	1,070
Mumps.....	60
Ophthalmia neonatorum.....	28
Pneumonia (lobar).....	197
Scarlet fever.....	266
Septic sore throat.....	5
Tetanus.....	1
Trachoma.....	2
Tuberculosis (all forms).....	185
Typhoid fever.....	11
Whooping cough.....	64

MICHIGAN

Diphtheria.....	68
Measles.....	368
Pneumonia.....	132
Scarlet fever.....	323
Smallpox.....	15
Tuberculosis.....	366
Typhoid fever.....	11
Whooping cough.....	195

MINNESOTA

Chicken pox.....	86
Diphtheria.....	69
Influenza.....	3

MINNESOTA—continued

	Cases
Measles.....	17
Pneumonia.....	6
Scarlet fever.....	201
Smallpox.....	14
Tuberculosis.....	65
Typhoid fever.....	3
Whooping cough.....	18

MISSISSIPPI

Diphtheria.....	5
Scarlet fever.....	6
Smallpox.....	21
Typhoid fever.....	7

MISSOURI

(Exclusive of Kansas City)

Chicken pox.....	53
Diphtheria.....	61
Influenza.....	13
Measles.....	24
Mumps.....	75
Pneumonia.....	21
Scarlet fever.....	155
Smallpox.....	20
Trachoma.....	11
Tuberculosis.....	56
Typhoid fever.....	5
Whooping cough.....	20

MONTANA

Chicken pox.....	29
Diphtheria.....	9
German measles.....	44
Influenza.....	2
Measles.....	58
Mumps.....	47
Rocky Mountain spotted fever:	
Billings.....	1
Jordan.....	1
Miles City R. F. D.....	1
Stevensville.....	1
Scarlet fever.....	40
Smallpox.....	5
Tuberculosis.....	14
Typhoid fever.....	3
Whooping cough.....	7

NEW JERSEY

Anthrax.....	1
Cerebrospinal meningitis.....	1
Chicken pox.....	170
Diphtheria.....	57
Influenza.....	15
Measles.....	376
Pneumonia.....	139
Scarlet fever.....	244
Smallpox.....	2
Trichinosis.....	1
Typhoid fever.....	4
Whooping cough.....	243

NEW MEXICO

Chicken pox.....	5
Conjunctivitis.....	9
Diphtheria.....	2
Influenza.....	1
Measles.....	18

¹ Week ended Friday.

NEW MEXICO—continued		SOUTH DAKOTA	
	Cases		Cases
Mumps.....	13	Chicken pox.....	4
Pneumonia.....	4	Diphtheria.....	6
Scarlet fever.....	5	Pneumonia.....	2
Smallpox.....	4	Scarlet fever.....	24
Tuberculosis.....	24	Smallpox.....	11
Typhoid fever.....	2	Tuberculosis.....	3
Whooping cough.....	13	Whooping cough.....	7
NEW YORK		TEXAS	
(Exclusive of New York City)			
Diphtheria.....	100	Chicken pox.....	52
Influenza.....	84	Diphtheria.....	19
Lethargic encephalitis.....	3	Dysentery (epidemic).....	1
Measles.....	504	Influenza.....	18
Pneumonia.....	292	Lethargic encephalitis.....	1
Scarlet fever.....	308	Malta fever.....	1
Typhoid fever.....	14	Measles.....	23
Whooping cough.....	195	Mumps.....	39
NORTH CAROLINA		Pellagra.....	4
Chicken pox.....	108	Pneumonia.....	11
Diphtheria.....	17	Poliomyelitis.....	1
German measles.....	7	Scarlet fever.....	16
Measles.....	22	Smallpox.....	24
Scarlet fever.....	27	Tuberculosis.....	15
Septic sore throat.....	2	Typhoid fever.....	12
Smallpox.....	167	Typhus fever.....	2
Typhoid fever.....	6	Whooping cough.....	27
Whooping cough.....	70	VERMONT	
OKLAHOMA		Chicken pox.....	18
(Exclusive of Oklahoma City and Tulsa)		Diphtheria.....	7
Anthrax—Muskogee County.....	1	Measles.....	5
Cerebrospinal meningitis—Woodward		Mumps.....	42
County.....	1	Scarlet fever.....	11
Chicken pox.....	17	Whooping cough.....	4
Diphtheria.....	4	VIRGINIA	
Influenza.....	85	Smallpox:	
Measles.....	3	Henry County.....	1
Mumps.....	23	Fauquier County.....	1
Pneumonia.....	43	Montgomery.....	1
Scarlet fever:		WASHINGTON	
Woodward County.....	9	Cerebrospinal meningitis—Spokane.....	1
Scattering.....	15	Chicken pox.....	65
Smallpox.....	13	Diphtheria.....	29
Typhoid fever.....	4	German measles.....	19
Whooping cough.....	33	Measles.....	4
OREGON		Mumps.....	87
Cerebrospinal meningitis.....	13	Scarlet fever.....	10
Chicken pox.....	14	Smallpox.....	50
Diphtheria:		Tuberculosis.....	22
Portland.....	19	Typhoid fever.....	1
Scattering.....	9	Whooping cough.....	140
Influenza.....	32	WEST VIRGINIA	
Measles.....	2	Diphtheria.....	8
Mumps.....	23	Scarlet fever.....	20
Pneumonia.....	11	Smallpox.....	16
Scarlet fever:		WISCONSIN	
Clackamas County.....	11	Milwaukee:	
Scattering.....	9	Chicken pox.....	34
Smallpox.....	3	Diphtheria.....	9
Typhoid fever.....	5	German measles.....	141
Whooping cough.....	21	Measles.....	176
		Mumps.....	77
		Pneumonia.....	40

¹ Deaths.

WISCONSIN—continued		Cases
Poliomyelitis.....	1	
Scarlet fever.....	19	
Smallpox.....	30	
Tuberculosis.....	12	
Whooping cough.....	19	
Scattering:		
Cerebrospinal meningitis.....	3	
Chicken pox.....	85	
Diphtheria.....	21	
German measles.....	247	
Influenza.....	331	
Measles.....	252	
Mumps.....	199	
Pneumonia.....	39	
Scarlet fever.....	94	

WISCONSIN—continued		Cases
Smallpox.....	22	
Tuberculosis.....	25	
Typhoid fever.....	6	
Whooping cough.....	74	

WYOMING

Chicken pox.....	4
Diphtheria.....	2
Measles.....	5
Mumps.....	8
Pneumonia.....	1
Rocky Mountain spotted fever.....	4
Scarlet fever.....	3
Whooping cough.....	8

Reports for Week Ended April 25, 1925

DISTRICT OF COLUMBIA		Cases
Chicken pox.....	16	
Diphtheria.....	8	
Influenza.....	2	
Measles.....	51	
Pneumonia.....	37	
Scarlet fever.....	25	
Smallpox.....	8	
Tuberculosis.....	49	
Typhoid fever.....	2	
Whooping cough.....	19	

NORTH DAKOTA		Cases
Chicken pox.....	8	
Diphtheria.....	7	
German measles.....	11	
Influenza.....	4	
Measles.....	7	
Mumps.....	16	
Pneumonia.....	8	
Scarlet fever.....	25	
Smallpox.....	12	
Tuberculosis.....	1	
Whooping cough.....	16	

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State	Cerebrospinal meningitis	Diphtheria	Influenza	Malaria	Measles	Pellagra	Poliomyelitis	Scarlet fever	Smallpox	Typhoid fever
<i>January, 1925</i>										
New Mexico.....	0	24	56	0	124	0	0	41	2	12
<i>February, 1925</i>										
New Mexico.....	0	29	116	0	65	1	0	18	1	5
Tennessee.....	5	78	1,576	75	231	47	1	188	485	47
<i>March, 1925</i>										
California.....	8	560	723	1	387	7	11	689	653	38
Montana.....		45	14		139			125	36	3
New Mexico.....	0	40	120		220	1	0	44	8	3
Pennsylvania.....	6	998		2	5,524	1	0	3,087	30	88
South Carolina.....	1	254	282	6	1	4		6	54	1
Washington.....	3	199	0	0	39	0	1	175	198	25

RECIPROCAL NOTIFICATIONS, MARCH, 1925

Notifications regarding communicable diseases sent during the month of March, 1925, to other State health departments by departments of health of certain States

Referred by—	Diph- theria	Leprosy	Scarlet fever	Smallpox	Tubercu- losis	Typhoid fever
Connecticut.....			9			
Illinois.....				3	12	
Massachusetts.....						2
Minnesota.....	1	1			70	1
New Jersey.....			1	3		
New York.....			1			1
Washington.....						1

PLAGUE-ERADICATIVE MEASURES IN THE UNITED STATES

The following items were taken from the reports of plague-eradica-
tive measures from the cities named for the week ended April 18, 1925:

Los Angeles, Calif.

Week ended Apr. 18, 1925:

Number of rats examined.....	4, 367
Number of rats found to be plague infected.....	4
Number of squirrels examined.....	1, 114
Number of squirrels found to be plague infected.....	0

Totals, Nov. 5, 1924, to Apr. 18, 1925:

Number of rats examined.....	85, 971
Number of rats found to be plague infected.....	177
Number of squirrels examined.....	8, 618
Number of squirrels found to be plague infected.....	9

Date of discovery of last plague-infected rodent, Apr. 28, 1925.

Date of last human case, Jan. 15, 1925.

Oakland, Calif.

(Including other East Bay communities)

Week ended Apr. 18, 1925:

Number of rats trapped.....	2, 637
Number of rats found to be plague infected.....	0

Totals, Jan. 1 to Apr. 18, 1925:

Number of rats trapped.....	37, 894
Number of rats found to be plague infected.....	21

Date of discovery of last plague-infected rat, Mar. 4, 1925.

Date of last human case, Sept. 10, 1919.

New Orleans, La.

Week ended Apr. 18, 1925:

Number of vessels inspected.....	372
Number of inspections made.....	1, 026
Number of vessels fumigated with cyanide gas.....	33
Number of rodents examined for plague.....	4, 665
Number of rodents found to be plague infected.....	0

Totals, Dec. 5, 1924, to Apr. 18, 1925:

Number of rodents examined for plague.....	80, 238
Number of rodents found to be plague infected.....	12

Date of discovery of last plague-infected rat, Jan. 17, 1925.

Date of last human case occurring in New Orleans, Aug. 20, 1920.

GENERAL CURRENT SUMMARY AND WEEKLY REPORTS FROM CITIES

Diphtheria.—For the week ended April 18, 1925, 34 States reported 1,213 cases of diphtheria. For the week ended April 19, 1924, the same States reported 1,552 cases of this disease. One hundred and two cities, situated in all parts of the country and having an aggregate population of more than 28,200,000, reported 876 cases of diphtheria for the week ended April 18, 1925. Last year, for the corresponding week, they reported 984 cases. The estimated expectancy for these cities was 934 cases. The estimated expectancy is based on the experience of the last nine years, excluding epidemics.

Measles.—Twenty-nine States reported 4,584 cases of measles for the week ended April 18, 1925, and 13,896 cases of this disease for the week ended April 19, 1924. One hundred and two cities reported 3,236 cases of measles for the week this year and 5,055 cases last year.

Scarlet fever.—Scarlet fever was reported for the week as follows: 34 States—this year, 3,610 cases; last year, 3,372; 102 cities—this year, 1,882; last year, 1,588; estimated expectancy, 1,028 cases.

Smallpox.—For the week ended April 18, 1925, 34 States reported 686 cases of smallpox. Last year, for the corresponding week, they reported 1,419 cases of smallpox. One hundred and two cities reported smallpox for the week as follows: 1925, 267 cases; 1924, 465 cases; estimated expectancy, 96 cases. These cities reported 15 deaths from smallpox for the week this year.

Typhoid fever.—Two hundred and two cases of typhoid fever were reported for the week ended April 18, 1925, by 33 States. For the corresponding week of 1924 the same States reported 173 cases. One hundred and two cities reported 55 cases of typhoid fever for the week this year and 54 cases for the corresponding week last year. The estimated expectancy for these cities was 48 cases.

Influenza and pneumonia.—Deaths from influenza and pneumonia (combined) were reported for the week by 102 cities as follows: 1925, 1,173 deaths; 1924, 1,154 deaths.

City reports for week ended April 18, 1925

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence how many cases of the disease under consideration may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding week of the preceding years. When the reports include several epidemics or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during nonepidemic years.

If reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1915 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviations from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city	Population July 1, 1923, estimated	Chick- en pox, cases re- ported	Diphtheria		Influenza		Meas- les, cases re- ported	Mumps, cases re- ported	Pneu- monia, deaths re- ported
			Cases, esti- mated expec- tancy	Cases re- ported	Cases re- ported	Deaths re- ported			
NEW ENGLAND									
Maine:									
Portland	73,120	8	1	0	0	0	1	33	3
New Hampshire:									
Concord	22,408	0	0	2	0	0	0	0	0
Manchester	81,383	0	2	0	0	1	1	0	2
Vermont:									
Barre	110,008	2	0	1	0	0	2	5	0
Burlington	23,613	3	1	0	0	0	12	18	1
Massachusetts:									
Boston	770,400		57	26	7	2	277		34
Fall River	120,912	9	3	0	3	2	1	0	3
Springfield	144,227	4	4	2	0	0	5	3	3
Worcester	191,927	14	5	2	1	0	2	2	8
Rhode Island:									
Pawtucket	68,799	3	2	0	0	0	0	0	1
Providence	242,378	0	11	8	4	2	3	0	11
Connecticut:									
Bridgeport	1143,555	0	6	6		2	0	0	6
Hartford	1138,036	0	7	5		3	1	2	7
New Haven	172,967	9	4	0	1	0	77	1	7
MIDDLE ATLANTIC									
New York:									
Buffalo	536,718	5	11	8	5	1	208	6	17
New York	5,927,625	191	244	265	59	29	155	26	245
Rochester	317,867	0	5	9		1	35	19	6
Syracuse	184,511	12	6	8	0	0	16	8	4
New Jersey:									
Camden	124,157	3	4	7	0	0	83	1	5
Newark	438,699	27	17	12	22	1	55	15	20
Trenton	127,390	2	4	0	0	0	10	0	2
Pennsylvania:									
Philadelphia	1,922,788	66	71	126		8	478	34	53
Pittsburgh	613,442	27	18	11		8	425	12	51
Reading	110,917	12	3	4	0	0	145	4	0
Scranton	140,636	2	3	3	0	0	0	0	13
EAST NORTH CENTRAL									
Ohio:									
Cincinnati	406,312	8	8	8		11	0	4	29
Cleveland	888,519	65	22	23	12	2	7	7	23
Columbus	261,082	3	4	2	0	0	2	2	3
Toledo	268,338	12	3	4		5	96	0	9
Indiana:									
Fort Wayne	93,573	8	2	0	0	0	8	0	4
Indianapolis	342,718	13	7	0	0	1	2	12	10
South Bend	76,709	2	1	2	0	0	1	0	1
Terre Haute	68,939	1	1	1	0	0	6	0	1
Illinois:									
Chicago	2,886,121	56	98	64	36	11	623	13	92
Cicero	55,968		3						
Springfield	61,833	8	1	0	4	2	3	41	4

¹ Population Jan. 1, 1920.

City reports for week ended April 18, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
EAST NORTH CENTRAL—continued.									
Michigan:									
Detroit.....	995,668	37	52	22	11	4	11	15	38
Flint.....	117,968	7	3	2		1	10	1	6
Grand Rapids.....	145,947	5	4	0	0	0	55	0	0
Wisconsin:									
Madison.....	42,519	5	0	0	0	0	3	33	0
Milwaukee.....	484,595	31	13	19	3	0	202	59	40
Racine.....	64,393	18	1	5	0	0	45	9	1
Superior.....	139,671	0	1	0	0	1	0	0	4
WEST NORTH CENTRAL									
Minnesota:									
Duluth.....	106,289	1	1	0	0	0	0	0	7
Minneapolis.....	409,125	67	14	21		8	17	7	13
St. Paul.....	241,891	6	13	6		6	9	17	15
Iowa:									
Davenport.....	61,262	0	1	0	0		2	0	
Sioux City.....	79,662	4	1	2	0		1	35	
Waterloo.....	39,667	16	0	0	0		1		
Missouri:									
Kansas City.....	351,819	14	7	8	5	5	3	13	19
St. Joseph.....	78,222	1	2	0		3	0	1	3
St. Louis.....	863,853	32	38	36	0	0	9	16	
North Dakota:									
Fargo.....	24,841	3	0	0	0	0	1	8	0
Grand Forks.....	14,547	2	0	1	0		0	0	
South Dakota:									
Aberdeen.....	15,829	2		0	0		0	0	
Sioux Falls.....	29,206	0	0	0	0	0	0	0	0
Nebraska:									
Lincoln.....	58,761	10	2	1	0	0	1	1	1
Omaha.....	204,382	0	4	2	0	0	2	0	14
Kansas:									
Topeka.....	52,555	3	1	2	2	1	0	62	4
Wichita.....	79,261	18	1	3	0	0	1	0	3
SOUTH ATLANTIC									
Delaware:									
Wilmington.....	117,728	3	2	2	0	0	13	0	5
Maryland:									
Baltimore.....	773,580	73	23	35	28	0	4	42	46
Cumberland.....	32,361		1	0	3	0	0		2
Frederick.....	11,301	0	0	0	0	0	0	0	1
District of Columbia:									
Washington.....	1437,571	22	10	5	1	2	47		19
Virginia:									
Lynchburg.....	30,277	4	1	0	0	0	1	25	1
Norfolk.....	159,089	10	1	0	0	0	4	60	4
Richmond.....	181,044	7	2	3	0	0	1	5	0
Roanoke.....	55,502	3	1	1	0	0	5	2	2
West Virginia:									
Charleston.....	45,597	6	0	0	0	0	31	1	2
Wheeling.....	156,208	4	1	0	0	1	16	0	3
North Carolina:									
Raleigh.....	29,171	7	0	0	0	0	0	0	2
Wilmington.....	35,719	3	1	0	0	0	0	1	0
Winston-Salem.....	56,230	15	1	0		1	4	8	3
South Carolina:									
Charleston.....	71,245	0	1	0	0	0	0	0	2
Columbia.....	39,688	1	0	0	0	0	0	3	4
Greenville.....	25,789	0	0	0	0	0	0	0	1
Georgia:									
Atlanta.....	222,563	3	2	4	8	0	0	0	13
Brunswick.....	15,937		0	0	0	0	0		0
Savannah.....	89,448	2	0	0	4	1	0	13	1
Florida:									
St. Petersburg.....	24,403	0	0	0		1	0	0	1
Tampa.....	56,050	1	1	0	0	0	0	1	2

1 Population Jan. 1, 1920.

City reports for week ended April 18, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
EAST SOUTH CENTRAL									
Kentucky:									
Covington.....	57,877	0	2	1	-----	2	0	0	3
Lexington.....	43,673	1	0	0	0	0	0	0	2
Louisville.....	257,671	3	5	3	2	1	3	0	8
Tennessee:									
Memphis.....	170,067	-----	4	1	-----	5	1	-----	7
Nashville.....	121,128	4	1	0	-----	5	11	1	1
Alabama:									
Birmingham.....	195,901	13	1	2	13	1	2	6	17
Mobile.....	63,838	3	1	1	0	0	0	0	0
Montgomery.....	45,383	6	0	0	0	0	0	12	0
WEST SOUTH CENTRAL									
Arkansas:									
Fort Smith.....	30,635	0	0	1	0	-----	0	2	-----
Little Rock.....	70,916	0	0	2	5	-----	10	0	-----
Louisiana:									
New Orleans.....	404,575	5	8	7	10	-----	2	0	-----
Shreveport.....	54,580	5	-----	0	0	0	0	0	6
Oklahoma:									
Tulsa.....	102,018	-----	1	1	0	-----	3	-----	-----
Texas:									
Dallas.....	177,274	-----	3	-----	-----	2	-----	-----	8
Galveston.....	46,877	2	0	0	0	0	0	2	3
Houston.....	154,970	3	2	2	0	0	0	1	0
San Antonio.....	184,727	1	2	0	0	0	1	0	2
MOUNTAIN									
Montana:									
Billings.....	16,927	0	0	1	0	0	2	14	1
Great Falls.....	27,787	1	1	4	-----	1	14	1	0
Helena.....	12,037	0	0	0	0	0	0	0	0
Missoula.....	12,668	0	0	0	0	0	5	0	1
Idaho:									
Boise.....	22,806	2	0	1	0	0	1	0	0
Colorado:									
Denver.....	272,031	22	10	12	-----	3	6	72	15
Pueblo.....	43,519	3	2	3	0	0	0	3	2
New Mexico:									
Albuquerque.....	16,648	1	1	0	0	0	1	0	1
Utah:									
Salt Lake City.....	126,241	0	3	4	0	0	0	27	2
Nevada:									
Reno.....	12,429	0	1	0	0	0	0	0	1
PACIFIC									
Washington:									
Seattle.....	1315,685	43	5	8	0	-----	1	61	-----
Spokane.....	104,573	3	2	3	0	-----	0	0	-----
Tacoma.....	101,731	4	1	2	0	-----	0	1	-----
Oregon:									
Portland.....	273,621	10	4	11	26	0	4	14	10
California:									
Los Angeles.....	666,853	50	35	24	22	2	39	20	15
Sacramento.....	69,950	0	1	2	-----	1	0	1	0
San Francisco.....	539,038	39	24	19	8	4	13	16	9

¹ Population Jan. 1, 1920.

City reports for week ended April 18, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expect- ancy	Cases re- ported	Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		
NEW ENGLAND											
Maine:											
Portland.....	2	4	0	0	0	1	1	0	0	0	24
New Hampshire:											
Concord.....	1	2	0	0	0	1	0	0	0	0	13
Manchester.....	2	6	0	0	0	0	0	0	1	0	18
Vermont:											
Barre.....	1	0	0	0	0	1	0	0	0	0	2
Burlington.....	1	0	0	0	0	0	0	0	0	1	1
Massachusetts:											
Boston.....	59	70	0	0	0	17	2	1	0	---	246
Fall River.....	4	1	0	0	0	0	1	1	0	0	43
Springfield.....	6	12	0	0	0	1	0	0	0	5	46
Worcester.....	8	11	0	0	0	4	1	1	1	4	64
Rhode Island:											
Pawtucket.....	1	1	0	0	0	0	0	0	0	2	24
Providence.....	9	12	0	0	0	5	0	0	0	1	80
Connecticut:											
Bridgeport.....	5	7	0	0	0	1	0	0	0	0	34
Hartford.....	4	4	0	0	0	2	0	0	0	10	58
New Haven.....	8	17	0	0	0	1	0	0	0	19	42
MIDDLE ATLANTIC											
New York:											
Buffalo.....	19	20	0	0	0	15	1	0	0	11	162
New York.....	218	300	0	0	0	101	10	16	2	112	1,628
Rochester.....	14	50	0	0	0	6	1	0	0	8	84
Syracuse.....	13	4	0	0	0	4	0	1	0	0	47
New Jersey:											
Camden.....	3	22	0	11	4	1	0	0	0	3	48
Newark.....	24	35	0	2	0	9	1	0	0	64	125
Trenton.....	3	2	0	0	0	5	0	1	0	4	33
Pennsylvania:											
Philadelphia.....	71	170	0	22	3	48	3	4	1	94	553
Pittsburgh.....	18	67	1	0	0	12	1	0	0	6	204
Reading.....	4	7	0	0	0	1	0	0	0	11	28
Scranton.....	2	1	0	0	0	2	0	0	0	3	---
EAST NORTH CENTRAL											
Ohio:											
Cincinnati.....	11	29	2	1	0	9	1	0	0	5	135
Cleveland.....	24	33	1	0	0	18	1	1	0	40	198
Columbus.....	6	17	1	6	0	3	0	0	0	10	64
Toledo.....	15	17	3	0	0	5	0	0	0	28	80
Indiana:											
Fort Wayne.....	2	17	2	1	0	4	0	0	0	1	41
Indianapolis.....	13	10	3	8	0	6	0	0	0	14	98
South Bend.....	3	4	0	0	0	0	0	0	0	2	13
Terre Haute.....	2	4	1	1	0	2	0	0	0	1	22
Illinois:											
Chicago.....	77	228	2	0	0	55	2	3	0	98	745
Cicero.....	1	0	0	0	0	0	0	0	0	0	---
Springfield.....	1	0	1	0	0	0	0	0	0	0	20
Michigan:											
Detroit.....	77	112	5	0	0	25	3	2	0	79	273
Flint.....	6	3	1	2	0	1	0	0	0	7	29
Grand Rapids.....	7	47	1	3	0	1	0	0	0	4	34
Wisconsin:											
Madison.....	3	7	1	1	0	0	0	0	0	4	5
Milwaukee.....	30	22	1	10	3	11	1	0	0	17	166
Racine.....	4	3	1	3	0	0	0	0	0	1	14
Superior.....	2	4	2	0	0	1	0	0	0	0	13
WEST NORTH CENTRAL											
Minnesota:											
Duluth.....	4	20	2	0	0	1	0	0	0	3	26
Minneapolis.....	26	73	8	12	3	5	0	0	0	4	121
St. Paul.....	21	36	6	2	0	2	0	0	0	4	76

¹ Pulmonary tuberculosis only.

City reports for week ended April 18, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expect- ancy	Cases re- ported	Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		
WEST NORTH CENTRAL—CON.											
Iowa:											
Davenport.....	2	1	4	1			0	0		2	
Sioux City.....	2	2	1	0			0	0		0	
Waterloo.....	2	0	0	1			1	0			
Missouri:											
Kansas City.....	11	75	3	1	0	7	1	1	0	6	81
St. Joseph.....	2	3	0	0	0	2	0	0	0	0	32
St. Louis.....	34	98	2	6	0	9	1	0	0	12	222
North Dakota:											
Fargo.....	1	0	1	0	0	0	0	0	0	8	7
Grand Forks.....	0	0	0	0			0	0		0	
South Dakota:											
Aberdeen.....		2		0						1	
Sioux Falls.....	2	1	1	0	0	0	0	0	0	0	15
Nebraska:											
Lincoln.....	3	3	0	2	0	0	0	0	0	6	14
Omaha.....	4	3	2	19	0	4	0	0	0	3	66
Kansas:											
Topeka.....	3	1	2	0	0	3	0	0	0	1	13
Wichita.....	3	2	4	0	0	2	0	0	0	15	24
SOUTH ATLANTIC											
Delaware:											
Wilmington.....	3	1	0	0	0	1	0	0	0	2	30
Maryland:											
Baltimore.....	31	35	1	1	0	13	2	0	0	53	246
Cumberland.....	1	0	0	0	0	2	0	0	0	0	20
Frederick.....	2	2	0	0	0	0	0	0	0	0	4
District of Colum- bia:											
Washington.....	19	30	1	6	2	17	1	0	0	8	159
Virginia:											
Lynchburg.....	0	0	0	0	0	1	0	0	0	5	6
Norfolk.....	1	0	0	0	0	0	0	0	0	20	
Richmond.....	2	1	0	0	0	7	0	0	0	1	59
Roanoke.....	1	2	1	0	0	0	0	0	0	0	18
West Virginia:											
Charleston.....	1	0	0	0	0	2	0	0	0	2	12
Wheeling.....	2	4	0	0	0	1	1	2	0	1	24
North Carolina:											
Raleigh.....	0	1	0	8	0	0	0	0	0	0	11
Wilmington.....	0	0	0	0	0	1	0	0	0	1	11
Winston-Salem.....	1	1	2	7	0	1	0	0	0	5	23
South Carolina:											
Charleston.....	0	1	0	0	0	3	0	0	0	1	36
Columbia.....	0	0	0	0	0	1	0	1	0	6	20
Greenville.....	0	0	0	3	0	1	0	0	0	4	9
Georgia:											
Atlanta.....	3	4	4	1	0	5	0	0	1	4	82
Brunswick.....	0	0	0	0	0	1	0	1	0	-----	3
Savannah.....	1	0	0	0	0	1	0	0	0	5	24
Florida:											
St. Petersburg.....	3	0	1	0	0	0	0	0	0	0	12
Tampa.....	0	0	0	0	0	0	0	2	1	0	24
EAST SOUTH CENTRAL											
Kentucky:											
Covington.....	2	2	1	0	0	5	1	0	0	0	19
Lexington.....	1	2	0	1	0	2	0	0	0	0	16
Louisville.....	4	15	0	2	0	5	1	1	0	9	86
Tennessee:											
Memphis.....	4	7	2	6	0	10	0	1	0	-----	68
Nashville.....	2	5	1	10	0	5	1	2	0	0	37
Alabama:											
Birmingham.....	1	11	0	51	0	6	1	0	0	1	70
Mobile.....	0	0	1	0	0	0	0	1	0	0	9
Montgomery.....	0	0	1	0	0	0	0	1	0	0	9

City reports for week ended April 18, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expect- ancy	Cases re- ported	Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		
WEST SOUTH CENTRAL											
Arkansas:											
Fort Smith.....	0	2	0	0			0	0		1	
Little Rock.....	1	2	0	0			1	0		0	
Louisiana:											
New Orleans.....	3	6	4	0			2	4		19	
Shreveport.....		0		0	0	1		0	0	0	35
Oklahoma:											
Tulsa.....	1	2	2	0			0	1			
Texas:											
Dallas.....	2		2		0	3	1		0		54
Galveston.....	0	1	0	1	0	1	0	0	0	0	14
Houston.....	1	0	0	2	0	1	0	3	1	2	43
San Antonio.....	1	0	0	0	0	12	0	0	0	0	63
MOUNTAIN											
Montana:											
Billings.....	0	4	0	0	0	0	0	0	0	0	0
Great Falls.....	1	10	0	0	0	0	0	0	0	0	6
Helena.....	1	0	1	0	0	0	0	0	0	0	3
Missoula.....	0	1	1	0	0	0	0	0	0	4	10
Idaho:											
Boise.....	1	0	0	0	0	0	0	0	0	0	5
Colorado:											
Denver.....	10	11	3	0	0	16	1	1	0	7	90
Pueblo.....	1	2	0	0	0	1	1	1	0	0	10
New Mexico:											
Albuquerque.....	0	0	0	0	0	5	0	0	0	0	10
Utah:											
Salt Lake City.....	3	5	1	0	0	2	0	2	0	4	34
Nevada:											
Reno.....	0	0	1	1	0	0	0	0	0	0	3
PACIFIC											
Washington:											
Seattle.....	8	5	2	13			1	0		91	
Spokane.....	4	2	8	0			0	0		22	
Tacoma.....	2	0	1	1			0	0		3	
Oregon:											
Portland.....	7	13	5	0	0	4	1	1	0	12	
California:											
Los Angeles.....	15	29	2	34	0	15	1	2	0	61	223
Sacramento.....	1	0	0	2	0	6	0	0	0	0	24
San Francisco.....	16	14	2	6	0	10	2	2	1	66	171

City reports for week ended April 18, 1925—Continued

Division, State, and city	Cerebrospinal meningitis		Lethargic encephalitis		Pellagra		Poliomyelitis (infantile paralysis)		
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases, estimated expectancy	Cases	Deaths
NEW ENGLAND									
Massachusetts:									
Boston.....	4	2	0	0	0	0	0	1	0
Fall River.....	0	0	1	0	0	0	0	0	0
Worcester.....	0	1	0	0	0	0	0	0	0
MIDDLE ATLANTIC									
New York:									
New York.....	1	2	9	6	0	0	1	0	0
Pennsylvania:									
Philadelphia.....	0	1	2	0	0	0	1	0	0
Pittsburgh.....	0	0	0	0	0	0	0	0	1
EAST NORTH CENTRAL									
Illinois:									
Chicago.....	0	0	1	0	0	1	1	0	0
Michigan:									
Detroit.....	0	0	1	0	0	0	0	1	0
Wisconsin:									
Milwaukee.....	0	0	0	0	0	0	0	0	1
WEST NORTH CENTRAL									
Minnesota:									
Minneapolis.....	0	0	1	1	0	0	0		0
Missouri:									
St. Louis.....	0	0	0	0	0	0	0	0	1
MIDDLE ATLANTIC									
Maryland:									
Baltimore.....	0	0	0	0	0	0	0	1	1
District of Columbia:									
Washington.....	0	0	0	0	0	0	0	0	1
North Carolina:									
Raleigh.....	0	0	0	0	0	1	0	0	0
South Carolina:									
Charleston.....	0	0	0	0	0	1	0	0	0
Georgia:									
Savannah.....	0	0	0	0	1	0	0	0	0
EAST SOUTH CENTRAL									
Kentucky:									
Louisville.....	0	1	0	0	0	0	0	0	0
Alabama:									
Mobile.....	0	0	0	0	2	0	0	0	0
Montgomery.....	0	0	0	0	1	0	0	0	0
WEST SOUTH CENTRAL									
Louisiana:									
New Orleans.....	0	0	0	0	4		0	0	0
Shreveport.....	0	0	0	0	0	1	0	0	0
Texas:									
Galveston.....	0	0	0	0	0	0	0	0	1
PACIFIC									
Washington:									
Spokane.....	3		0		0		0	0	
Oregon:									
Portland.....	3	0	0	0	0	0	0	0	0
California:									
Los Angeles.....	2	0	0	1	0	0	0	0	0

The following table gives the rates per hundred thousand population for 105 cities for the 10-week period ended April 18, 1925. The population figures used in computing the rates were estimated as of July 1, 1923, as this is the latest date for which estimates are available. The 105 cities reporting cases had an estimated aggregate population of nearly 29,000,000 and the 97 cities reporting deaths had more than 28,000,000 population. The number of cities included in each group and the aggregate populations are shown in a separate table below:

Summary of weekly reports from cities, February 8 to April 18, 1925—Annual rates per 100,000 population¹

DIPHTHERIA CASE RATES

	Week ended—									
	Feb. 14	Feb. 21	Feb. 28	Mar. 7	Mar. 14	Mar. 21	Mar. 28	Apr. 4	Apr. 11	Apr. 18
105 cities.....	² 168	149	³ 169	162	167	167	⁴ 168	177	⁵ 158	⁶ 161
New England.....	246	241	² 189	233	176	147	119	171	166	129
Middle Atlantic.....	165	163	178	167	214	196	231	241	220	228
East North Central.....	132	123	119	114	128	134	112	93	⁴ 97	⁵ 111
West North Central.....	259	269	299	282	201	199	247	220	226	168
South Atlantic.....	² 183	156	114	104	91	136	95	81	73	102
East South Central.....	69	80	51	63	40	69	57	23	34	46
West South Central.....	162	125	162	144	158	97	121	83	107	⁷ 66
Mountain.....	95	162	153	86	105	143	134	124	105	239
Pacific.....	180	165	258	235	197	249	⁴ 179	374	171	163

MEASLES CASE RATES

105 cities.....	² 297	383	³ 358	418	419	506	⁴ 507	558	⁵ 530	⁶ 589
New England.....	661	720	² 385	656	542	725	755	957	1,011	917
Middle Atlantic.....	287	373	343	428	318	598	633	734	680	815
East North Central.....	515	688	632	789	740	775	798	736	⁷ 706	⁸ 731
West North Central.....	31	27	73	68	75	93	89	77	58	91
South Atlantic.....	² 98	110	81	100	146	189	136	209	207	256
East South Central.....	74	51	46	86	11	69	34	69	34	97
West South Central.....	51	14	51	23	88	42	9	88	51	⁷ 72
Mountain.....	153	620	916	29	763	573	38	219	57	267
Pacific.....	29	64	61	107	110	189	⁴ 151	209	241	154

SCARLET FEVER CASE RATES

105 cities.....	² 400	390	³ 408	395	432	427	⁴ 419	409	⁵ 366	⁶ 343
New England.....	564	606	² 558	584	534	544	604	534	529	350
Middle Atlantic.....	407	376	412	372	439	417	405	436	359	343
East North Central.....	397	432	434	433	407	498	483	442	⁴ 419	⁵ 404
West North Central.....	728	742	734	775	719	792	755	736	647	651
South Atlantic.....	² 277	167	203	171	219	146	167	175	152	157
East South Central.....	212	223	183	194	355	286	286	263	280	159
West South Central.....	121	125	144	185	107	134	102	51	88	⁷ 41
Mountain.....	382	248	315	286	200	429	248	277	258	315
Pacific.....	177	186	223	218	229	218	⁴ 222	191	174	145

¹ The figures given in this table are rates per 100,000 population, annual basis, and not the number of cases reported. Populations used are estimated as of July 1, 1923.

² Wilmington, Del., not included. Report not received at time of going to press.

³ Hartford, Conn., not included.

⁴ Spokane, Wash., not included.

⁵ Cicero, Ill., not included.

⁶ Cicero, Ill., and Dallas, Tex., not included.

⁷ Dallas, Tex., not included.

Summary of weekly reports from cities, February 8 to April 18, 1925—Annual rates per 100,000 population—Continued

SMALLPOX CASE RATES

	Week ended—									
	Feb. 14	Feb. 21	Feb. 28	Mar. 7	Mar. 14	Mar. 21	Mar. 28	Apr. 4	Apr. 11	Apr. 18
105 cities.....	79	66	66	62	61	63	58	57	51	49
New England.....	0	0	0	0	0	0	0	12	2	0
Middle Atlantic.....	4	2	3	1	5	8	7	21	10	18
East North Central.....	35	56	28	42	39	32	33	24	22	27
West North Central.....	193	126	120	114	124	102	135	87	97	85
South Atlantic.....	98	67	43	51	59	57	67	49	43	53
East South Central.....	675	532	583	652	446	646	423	42	572	395
West South Central.....	139	83	116	74	74	107	107	46	51	17
Mountain.....	162	86	57	48	95	67	19	19	19	10
Pacific.....	220	215	313	206	247	212	191	255	148	162

TYPHOID FEVER CASE RATES

105 cities.....	13	11	14	11	10	12	11	9	10	11
New England.....	20	0	13	7	5	30	12	5	2	7
Middle Atlantic.....	6	10	8	10	5	8	7	4	9	11
East North Central.....	6	6	7	11	4	7	3	4	6	5
West North Central.....	10	4	17	6	10	8	6	2	2	2
South Atlantic.....	34	8	20	8	24	22	12	30	26	12
East South Central.....	40	34	34	34	34	46	57	17	17	34
West South Central.....	46	42	42	28	28	23	42	32	37	39
Mountain.....	19	38	76	10	19	0	0	0	19	38
Pacific.....	12	23	9	15	15	0	28	20	9	12

INFLUENZA DEATH RATES

105 cities.....	28	30	34	30	34	42	33	34	27	28
New England.....	27	17	40	17	35	30	30	35	32	27
Middle Atlantic.....	22	21	20	15	24	29	22	21	16	24
East North Central.....	17	18	24	27	33	49	40	38	27	25
West North Central.....	11	22	37	35	33	42	46	39	37	50
South Atlantic.....	55	55	49	53	33	53	12	28	26	12
East South Central.....	63	74	126	103	91	120	86	69	74	80
West South Central.....	122	153	148	143	107	76	36	36	46	17
Mountain.....	57	57	19	19	48	48	38	181	86	38
Pacific.....	4	12	29	29	16	12	53	29	12	29

PNEUMONIA DEATH RATES

105 Cities.....	222	216	201	205	222	217	206	204	202	195
New England.....	239	241	242	226	229	211	219	251	211	206
Middle Atlantic.....	231	216	185	210	214	217	199	215	190	204
East North Central.....	168	184	171	195	241	222	214	182	191	191
West North Central.....	131	131	166	140	175	173	166	193	228	171
South Atlantic.....	270	252	305	268	246	290	252	234	238	232
East South Central.....	320	320	292	269	366	286	269	269	343	206
West South Central.....	464	408	260	229	178	178	168	168	168	160
Mountain.....	277	219	267	162	210	172	200	162	267	210
Pacific.....	192	213	163	139	155	151	159	159	119	98

¹ Wilmington, Del., not included. Report not received at time of going to press.

² Hartford, Conn., not included.

³ Spokane, Wash., not included.

⁴ Cicero, Ill., not included.

⁵ Cicero, Ill., and Dallas, Tex., not included.

⁶ Dallas, Tex., not included.

⁷ Cicero, Ill., and New Orleans, La., not included.

⁸ New Orleans, La., not included.

Number of cities included in summary of weekly reports and aggregate population of cities in each group, estimated as of July 1, 1923

Group of cities	Number of cities reporting cases	Number of cities reporting deaths	Aggregate population of cities reporting cases	Aggregate population of cities reporting deaths
Total.....	105	97	28,898,350	28,140,931
New England.....	12	12	2,098,746	2,098,746
Middle Atlantic.....	10	10	10,304,114	10,304,114
East North Central.....	17	17	7,032,535	7,032,535
West North Central.....	14	11	2,515,330	2,381,454
South Atlantic.....	22	22	2,566,901	2,566,901
East South Central.....	7	7	911,885	911,885
West South Central.....	8	6	1,124,364	1,023,013
Mountain.....	9	9	546,445	546,445
Pacific.....	6	3	1,797,830	1,275,841

FOREIGN AND INSULAR

BRAZIL

Mortality—Plague—Santos—1924.—During the year 1924, there were reported at Santos, Brazil, 2,368 deaths from all causes. Causes of deaths were stated as follows:

Disease	Deaths	Disease	Deaths
Cerebrospinal meningitis.....	8	Plague.....	2
Diphtheria.....	3	Smallpox.....	1
Dysentery.....	55	Syphilis.....	31
Influenza.....	54	Tuberculosis (pulmonary).....	271
Lethargic encephalitis.....	2	Typhoid fever.....	2
Malaria.....	98	Whooping cough.....	38
Measles.....	28		

EGYPT

Plague—Province of Minieh—Suez—April 1-2, 1925.—Plague has been reported in Egypt as follows: April 1, 1925—in the province of Minieh, one case; at Suez, April 2, 1925—one case with one death. The total number of cases of plague reported in Egypt from January 1 to April 2, 1925, is 17, with 9 deaths.

MADAGASCAR

Plague—February 16-28, 1925.—During the period February 16 to 28, 1925, 133 cases of plague, with 104 deaths, were reported in the Island of Madagascar. The types of the disease were stated to have been bubonic, pneumonic, and septicemic, viz, bubonic, 86 cases, 61 deaths; pneumonic, 10 cases, 6 deaths; septicemic, 37 cases, 37 deaths. For distribution according to locality, see page 973.

MEXICO

Epidemic cerebrospinal meningitis—State of Morelos, Mexico—April 1-18, 1925.—During the period April 1 to 18, 1925, cerebrospinal meningitis was reported present in epidemic form in the State of Morelos, Mexico, with 53 cases occurring in seven localities. The greatest number of cases (8) was reported on April 13.

POLAND

Typhus fever—January 4-February 7, 1925.—During the period January 4 to February 7, 1925, 581 cases of typhus fever with 49 deaths were reported in Poland.

SAMOA

Leprosy—Apia.—Under date of March 21, 1925, two new cases of leprosy were reported present at Apia, western Samoa.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER

The reports contained in the following tables must not be considered as complete or final as regards either the lists of countries included or the figures for the particular countries for which reports are given.

Reports Received During Week Ended May 8, 1925¹

CHOLERA

Place	Date	Cases	Deaths	Remarks
India:				
Calcutta.....	Mar. 8-14.....	18	14	
Rangoon.....	Mar. 1-14.....	2	1	
Siam:				
Bangkok.....	do.....	2	1	

PLAGUE

Brazil:				
Bahia.....	Mar. 15-21.....	1		
Santos.....				Year, 1924: Cases, 2; bubonic.
Ceylon:				
Colombo.....	Mar. 8-21.....	5	3	
Egypt:				Mar. 26-Apr. 1, 1925: One case. Total, Jan. 1-Apr. 1, 1925: Cases, 17; deaths, 9. Corresponding period, 1924: Cases, 50.
City—				
Suez.....	Apr. 2.....	1	1	Date of last case: Apr. 2.
Province—				
Beni-Souf.....	Jan. 15.....	1	1	Date of last case: Jan. 18.
Dakhalia.....	Jan. 7.....	1	1	Date of last case: Jan. 7.
Girgeh.....	Jan. 9.....	1	1	Date of last case: Jan. 9.
Kalloubiah.....	Jan. 5-22.....	5	2	Date of last case: Jan. 22.
Menoufieh.....	Jan. 1.....	7	3	Date of last case: Jan. 3.
Minieh.....	Apr. 1.....	1		Date of last case: Apr. 1.
India:				
Bombay.....	Mar. 1-14.....	20	16	
Rangoon.....	do.....	42	40	
Java:				
East Java—				
Soerabaya.....	Feb. 22-28.....	1	1	
West Java—				
Cheribon.....	Feb. 5-11.....		13	
Pekalongan.....	do.....		36	
Tegal.....	do.....		7	
Madagascar				Feb. 16-28, 1925: Cases, 133; deaths, 104. Bubonic, pneumonic, septicemic.
Itasy (Province).....	Feb. 16-28.....	2	2	Septicemic.
Moramanga (Province).....	do.....	1	1	Bubonic.
Tananarive (Province).....	do.....	130	101	
Tananarive (town).....	do.....	1	1	Interior. Bubonic.
Other localities.....	do.....	129	100	
Siam:				
Bangkok.....	Mar. 1-7.....	1	1	
Straits Settlements:				
Singapore.....	Mar. 8-14.....	3	5	
Union of South Africa:				Mar. 8-14, 1925: Cases, 3; deaths, 2. Native.
Bethlehem District.....	Mar. 8-14.....	1	1	
Boshof District.....	do.....	1	1	
Kroonstad District.....	do.....	1		

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received During Week Ended May 8, 1925—Continued

SMALLPOX

Place	Date	Cases	Deaths	Remarks
British South Africa: Southern Rhodesia.....	Mar. 12-18.....	1	-----	
Canada: British Columbia— Vancouver.....	Apr. 6-12.....	3	-----	
Victoria.....	Apr. 12-18.....	3	-----	
Ceylon: Colombo.....	Mar. 8-21.....	10	-----	Port cases.
China: Amoy.....	Mar. 8-28.....	-----	7	Stated prevalent in surrounding districts.
Antung.....	Mar. 9-29.....	5	-----	
Foochow.....	Mar. 1-21.....	-----	-----	Present.
Honkong.....	Mar. 8-14.....	5	1	
Nanking.....	Mar. 8-28.....	-----	-----	Do.
Cuba: Santiago.....	Apr. 12-18.....	3	1	
Haiti: Cape Haitien.....	Mar. 22-Apr. 2.....	6	-----	
India: Bombay.....	Mar. 1-14.....	124	55	
Calcutta.....	Mar. 8-14.....	461	323	
Karachi.....	Mar. 22-28.....	13	5	
Madras.....	do.....	90	43	
Rangoon.....	Mar. 1-14.....	271	76	
Indo-China: Saigon.....	do.....	14	3	Including 100 square kilometers of surrounding country.
Japan: Nagasaki.....	Mar. 20-Apr. 5.....	2	-----	
Java: East Java— Soerabaya.....	Feb. 12-25.....	118	22	
Mexico: Mexico City.....	Mar. 29-Apr. 11.....	10	-----	Including municipalities in Federal District.
Salina Cruz.....	Mar. 1-31.....	5	1	
Poland.....	-----	-----	-----	Jan. 4–Feb. 7, 1925: Cases, 13; deaths, 1.
Portugal: Lisbon.....	Mar. 16-Apr. 5.....	-----	7	
Siam: Bangkok.....	Mar. 1-14.....	10	3	
Sierra Leone: Kaiyima.....	Mar. 9-15.....	1	-----	
Spain: Malaga.....	Apr. 5-11.....	-----	4	
Straits Settlements: Singapore.....	Mar. 8-14.....	1	1	
Tunis: Tunis.....	Apr. 9-15.....	11	16	
Turkey: Constantinople.....	Mar. 16-22.....	2	-----	
Yugoslavia: Belgrade.....	Mar. 1-Apr. 7.....	6	-----	

TYPHUS FEVER

Algeria: Algiers.....	Mar. 11-20.....	1	-----	
Chile: Iquique.....	Mar. 22-28.....	-----	1	
Valparaiso.....	Feb. 22-Mar. 28.....	-----	7	
China: Antung.....	Mar. 16-22.....	1	-----	
Greece: Athens.....	Feb. 1-Mar. 10.....	-----	3	
Mexico: Mexico City.....	Mar. 29-Apr. 11.....	11	-----	Including municipalities in Federal District.
Palestine: Petach-Tikvah.....	Mar. 24-30.....	1	-----	
Ramleh.....	Mar. 17-23.....	1	-----	
Poland.....	-----	-----	-----	Jan. 4–Feb. 7, 1925: Cases, 581; deaths, 49.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received During Week Ended May 8, 1925—Continued

TYPHUS FEVER—Continued

Place	Date	Cases	Deaths	Remarks
Tunis:				
Tunis.....	Apr. 9-15.....	15	3	Feb. 1-28, 1925: Cases, 65; deaths, 5 (native). White: Cases, 10
Union of South Africa.....				Total, cases, 75; deaths, 5.
Cape Province.....				Feb. 1-28, 1925: Cases, 33; deaths, 3. Native.
Natal.....				Feb. 1-28, 1925: Cases, 15; deaths, 1. Native.
Orange Free State.....				Feb. 1-28, 1925: Cases, 16; deaths, 1. Native.
Transvaal.....				Feb. 1-28, 1925: Cases, 1. Native.
Do.....				Mar. 8-14, 1925: Outbreaks.

Reports Received from December 27, 1924, to May 1, 1925¹

CHOLERA

Place	Date	Cases	Deaths	Remarks
Ceylon.....				June 29-Dec. 27, 1924: Cases, 14; deaths, 13. Dec. 28, 1924-Jan. 24, 1925: Cases, 24; deaths, 17.
Colombo.....	Nov. 16-22.....	1		
Do.....	Jan. 11-24.....	2	2	
India.....				Oct. 19, 1924, to Jan. 3, 1925: Cases, 27,164; deaths, 16,228.
Bombay.....	Nov. 23-Dec. 20.....	4	4	
Do.....	Jan. 18-24.....	1	1	
Calcutta.....	Oct. 26-Jan. 3.....	59	51	
Do.....	Jan. 4-Mar. 7.....	162	134	
Madras.....	Nov. 16-Jan. 3.....	69	40	
Do.....	Jan. 4-Mar. 7.....	137	98	
Rangoon.....	Nov. 9-Dec. 20.....	9	2	
Do.....	Jan. 4-Feb. 28.....	11	8	
Indo-China.....				Aug. 1-Sept. 30, 1924: Cases, 14; deaths, 10. Dec. 1-31, 1924: Cases, 5; deaths, 2.
Province—				
Anam.....	Aug. 1-31.....	1	1	
Cambodia.....	Aug. 1-Sept. 30.....	6	5	
Do.....	Dec. 1-31.....	1		
Cochin-China.....	Aug. 1-Dec. 31.....	10	5	
Saigon.....	Nov. 30-Dec. 6.....	1		
Tonkin.....	Dec. 1-31.....	1	1	
Siam:				
Bangkok.....	Nov. 9-29.....	4	2	
Do.....	Jan. 18-Feb. 21.....	6	3	

PLAGUE

Azores:				
Fayal Island—				
Castelo Branco.....	Nov. 25.....			Present with several cases.
Feteira.....	do.....	1		
St. Michael Island.....	Nov. 2-Jan. 3.....	30	13	
Do.....	Jan. 18-24.....	3	1	
Brazil:				
Bahia.....	Jan. 4-Mar. 14.....	5	4	
British East Africa:				
Tanganyika Territory.....	Nov. 23-Dec. 27.....	17	10	
Do.....	Jan. 18-24.....	17	11	
Uganda.....	Aug.-Dec., 1924.....	279	243	
Canary Islands:				
Las Palmas.....	Jan. 21-23.....	2		Stated to be endemic.
Do.....	Feb. 4.....	1		Stated to have been infected
Do.....	Mar. 25.....	1	1	with plague Sept. 30, 1924.
Realajo Alto.....	Dec. 19.....	3	1	Vicinity of Santa Cruz de Tenerife.
Teneriffe—				
Santa Cruz.....	Jan. 3.....	1		In vicinity.

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

PLAGUE—Continued

Place	Date	Cases	Deaths	Remarks
Celebes:				
Macassar.....	Oct. 29.....			Epidemic.
Ceylon:				
Colombo.....	Nov. 9-Jan. 3.....	12	9	
Do.....	Jan. 4-Mar. 7.....	9	12	5 plague rodents.
China:				
Foochow.....	Dec. 28-Jan. 3.....			Present.
Nanking.....	Nov. 23-Mar. 7.....			Do.
Shing Hsien.....	October, 1924.....		790	
Ecuador:				
Chimborazo Province—				
Alausi District.....	Jan. 14.....		14	At 2 localities on Guayaquil & Quito Ry.
Guayaquil.....	Nov. 16-Dec. 31.....	9	3	Rats taken, 27,004; found infected, 92.
Do.....	Jan. 1-Mar. 15.....	59	25	Rats taken, 45,027; rats found infected, 234.
Naranjito.....	Feb. 16-Mar. 15.....	1		
Yaguachi.....	Feb. 1-Mar. 15.....	2	1	
Egypt:				
City—				Year 1924: Cases, 373. Jan. 1-28, 1925: Cases, 15.
Alexandria.....	Year 1924.....	2	2	Last case, Nov. 26.
Ismailia.....	do.....	1	1	Last case, July 6.
Port Said.....	do.....	6	4	Last case, Dec. 7.
Suez.....	do.....	20	13	Last case, Dec. 20.
Province—				
Dakhalia.....	Jan. 1-8.....	1	1	
Kalioubiab.....	do.....	3		
Menoufieh.....	do.....	7	3	
Gold Coast.....				September-December, 1924: Deaths, 52.
Hawaii:				
Honokaa.....	Nov. 4.....	1		Plague-infected rodents found, Dec. 9, 1924, and Jan. 15, 1925.
India.....				Oct. 19, 1924, to Jan. 3, 1925: Cases, 28,154; deaths, 21,505.
Bombay.....	Nov. 22-Jan. 3.....	4	3	Jan. 4-Feb. 21, 1925: Cases, 28,880; deaths, 24,022.
Do.....	Jan. 4-17.....	2	2	
Do.....	Feb. 8-28.....	6	6	
Calcutta.....	Jan. 18-24.....	1	1	
Karachi.....	Nov. 30-Dec. 6.....	2	1	
Do.....	Jan. 4-Feb. 21.....	12	11	
Madras Presidency.....	Nov. 23-Jan. 3.....	685	487	
Do.....	Jan. 4-24.....	658	511	
Rangoon.....	Oct. 26-Jan. 3.....	26	25	
Do.....	Jan. 4-Feb. 28.....	79	60	
Indo-China.....				Aug. 1-Sept. 30, 1924: Cases, 25; deaths, 20. Dec. 1-31, 1924: Cases, 11; deaths, 11. Corresponding month, 1923: Cases, 15; deaths, 5.
Province—				
Anam.....	Aug. 1-Sept. 30.....	4	4	
Do.....	Dec. 1-31.....	5	5	
Cambodia.....	Aug. 1-Sept. 30.....	18	15	
Do.....	Dec. 1-31.....	6	6	
Cochin-China.....	do.....	3	1	
Saigon.....	Dec. 25-31.....	1	1	Including 100 square kilometers of surrounding territory.
Do.....	Jan. 11-17.....	2	1	Do.
Iraq.....	June 29-Jan. 3.....	20	14	
Japan.....	Aug. 10-Dec. 6.....	19		
Java:				
East Java—				
Blitar.....	Nov. 11-22.....			Province of Kediri; epidemic.
Pare.....	Nov. 29.....			Do.
Samarang.....	Mar. 22-28.....	2	2	
Sidoardja.....	Jan. 2.....			Declared epidemic, Province of Soerabaya.
Soerabaya.....	Nov. 16-Dec. 31.....	71	72	March 29-Apr. 4, 1925. Two plague rats found.
Do.....	Jan. 15-Feb. 18.....	5	4	
West Java—				
Cheribon.....	Oct. 14-Nov. 3.....		14	
Do.....	Nov. 18-Dec. 22.....		80	
Do.....	Jan. 1-14.....		44	Cheribon Province.
Do.....	Jan. 30.....			Present.
Paseroean.....	Dec. 27.....			Province. Epidemic in one locality.
Pekalongan.....	Oct. 14-Nov. 3.....		29	
Do.....	Nov. 18-Dec. 31.....		177	Pekalongan Province.
Do.....	Jan. 1-14.....		81	
Proballingga.....	Dec. 27.....			Province. Epidemic.
Tegal.....	Oct. 14-Dec. 31.....		26	
Do.....	Jan. 1-14.....		37	Pekalongan Province.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

PLAGUE—Continued

Place	Date	Cases	Deaths	Remarks
Madagascar:				
Fort Dauphin (port).....	Nov. 1-Dec. 15.....	12	5	
Do.....	Feb. 1-15.....	1	1	Bubonic.
Itasy Province.....				Nov. 1-Dec. 15, 1924: Cases, 4; deaths, 2.
Do.....	Feb. 1-15.....	1	1	Bubonic.
Majunga (port).....	Nov. 1-30.....	1	1	
Moramanga Province.....				Nov. 1-Dec. 15, 1924: Cases, 49; deaths, 34. Jan. 16-Feb. 15, 1925: Cases, 5; deaths, 5.
Tamatave (port).....	Nov. 1-30.....	1	1	Oct. 16-Dec. 31, 1924: Cases, 298; deaths, 274.
Tananarive Province.....				Jan. 1-Feb. 15: Cases, 227; deaths, 194. Bubonic, pneumonic, septicemic.
Do.....	Oct. 16-Nov. 30.....	8	7	Septicemic.
Tananarive (town).....	Dec. 16-31.....	4	4	Year 1924: Cases, 161; deaths, 144.
Do.....	Jan. 1-Feb. 15.....	3	3	
Mauritius Island.				
District.....				
Flacq.....	Dec. 1-31.....	5	4	
Pamplemousses.....	.....do.....	1	1	
Plaines Wilhems.....	January-December, 1924.....	54	47	Not present March, April, May.
Port Louis.....	February-December, 1924.....	101	92	
Mexico:				
Tampico.....	Apr. 6, 1925.....			Plague rat found in vicinity of Government wharves.
Morocco:				
Marrakech.....				Feb. 9, 1925: Present in native quarter of town. Stated to be pneumonic in form and of high mortality.
Nigeria				August-November, 1924: Cases, 387; deaths, 317.
Palestine:				
Jerusalem.....	Mar. 3-9.....	1		
Peru:				
Callao.....	February, 1925.....	6	6	
Siam:				
Bangkok.....	Dec. 28-Jan. 3.....	1	1	
Do.....	Jan. 25-Feb. 14.....	2	1	
Siberia:				
Transbaikalia—				
Turga.....	October, 1924.....		3	On Chita Railroad.
Straits Settlements:				
Singapore.....	Nov. 9-15.....	1	1	
Do.....	Jan. 4-Mar. 7.....	15	10	
Do.....	Mar. 28-Apr. 4.....	4		One plague rat.
Syria:				
Beirut.....	Jan. 11-20.....	1		
Turkey:				
Constantinople.....	Jan. 9-15.....	5	5	
Union of South Africa	Nov. 22-Jan. 3.....	28	15	In Cape Province, Orange Free State and Transvaal.
Do.....	Jan. 4-Mar. 7.....	45	17	Do.
On vessels:				
S. S. Conde.....				At Marseille, France, Nov. 8, 1924. Plague rat found. Vessel left for Tamatave, Madagascar, Nov. 12, 1924.
Steamship.....	November, 1924.....	1	1	At Majunga, Madagascar, from Djibuti, Red Sea port.

SMALLPOX

Algeria				July 1-Dec. 31, 1924: Cases, 409.
Algiers.....	Jan. 1-Feb. 28.....	6		Jan. 1-20, 1925: Cases, 107.
Arabia:				
Aden.....	Jan. 25-Mar. 21.....	12	1	Imported.
Belgium	Jan. 1-Feb. 10.....	4		
Bolivia:				
La Paz.....	Nov. 1-Dec. 31.....	20	11	
Do.....	Jan. 1-Feb. 28.....	5	7	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

SMALLPOX—Continued.

Place	Date	Cases	Deaths	Remarks
Brazil:				
Pernambuco.....	Nov. 9-Jan. 3.....	100	27	
Do.....	Jan. 4-Feb. 28.....	95	42	
British East Africa:				
Kenya—				
Mombasa.....	Jan. 18-Feb. 28.....	66	14	
Uganda—				
Entebbe.....	Oct. 1-31.....	4		
Tanganyika Territory.....	Feb. 15-21.....	1		
British South Africa:				
Northern Rhodesia.....	Oct. 28-Dec. 15.....	57	2	
Do.....	Jan. 27-Feb. 2.....	3		Natives.
Southern Rhodesia.....	Jan. 29-Mar. 11.....	2	1	
Bulgaria:				
Sofia.....	Mar. 12-18.....	1		Varioloid.
Canada:				
Alberta—				
Calgary.....	Mar. 15-21.....	1		
British Columbia—				
Ocean Falls.....	Mar. 7-27.....	6		Very mild.
Vancouver.....	Dec. 14-Jan. 3.....	32		
Do.....	Jan. 4-Apr. 5.....	302		
Victoria.....	Jan. 18-Apr. 14.....	7		
Manitoba—				
Winnipeg.....	Dec. 7-Jan. 3.....	14		
Do.....	Jan. 4-Feb. 27.....	30		
Do.....	Apr. 5-11.....	1		
New Brunswick—				
Bonaventure and	Jan. 1-31.....	1		
Gaspé Counties.....				
Northumberland.....	Feb. 8-14.....	1		County.
Ontario.....				Nov. 30-Dec. 27, 1924: Cases, 33.
Hamilton.....	Jan. 24-30.....	1		Dec. 28, 1924, to Mar. 28, 1925:
Ottawa.....	Mar. 29-Apr. 4.....	1		Cases, 57; deaths, 1.
Ceylon.....				July 27-Nov. 20, 1924: Cases, 27;
Colombo.....	Jan. 18-Feb. 7.....	4		deaths, 1.
China:				
Amoy.....	Nov. 9-Feb. 14.....			Present. Feb. 22-Mar. 7, 1925:
Antung.....	Nov. 17-Dec. 28.....	5		Deaths, 4.
Do.....	Jan. 5-Feb. 14.....	15	1	
Do.....	Mar. 2-8.....	3		
Foochow.....	Nov. 2-Feb. 28.....	1		Present.
Hongkong.....	Nov. 9-Jan. 3.....	6	2	
Do.....	Jan. 4-Feb. 7.....	9	7	
Do.....	Feb. 15-Mar. 7.....	5	5	
Do.....	Mar. 22-Apr. 4.....	9	4	
Manchuria—				
Dairen.....	Jan. 19-Feb. 1.....	2		
Harbin.....	Jan. 15-Feb. 11.....	5		
Nanking.....	Jan. 4-Mar. 7.....			Do.
Shanghai.....	Dec. 7-27.....	1	2	
Do.....	Jan. 18-Mar. 7.....		8	
Chosen:				
Seoul.....	Dec. 1-31.....	1		
Colombia:				
Buenaventura.....	Feb. 15-28.....	2		
Santa Marta.....	Mar. 15-28.....			Present in mild form in localities
Czechoslovakia.....				in vicinity.
Dominican Republic:				April-June, 1924: Cases, 1; occur-
Puerto Plata.....	Mar. 8-21.....	3		ring in Province of Moravia.
Dutch Guiana:				
Paramaribo.....	Apr. 20.....	1		
Ecuador:				
Guayaquil.....	Nov. 16-Dec. 15.....	4		
Egypt:				
Alexandria.....	Nov. 12-Dec. 31.....	10		
Do.....	Jan. 8-28.....	8		
Do.....	Feb. 26-Mar. 4.....	1		
Estonia.....				Dec. 1-31, 1924: Cases, 2.
France.....				July-December, 1924: Cases, 81.
Do.....	January, 1925.....	10		
Dunkirk.....	Mar. 2-8.....	1		From vessel. In quarantine.
St. Malo.....	Feb. 2-8.....	7	1	Believed to have been imported
				on steamship Ruyth from Sfax,
				Tunis.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

SMALLPOX—Continued

Place	Date	Cases	Deaths	Remarks
Germany				June 29-Nov. 8, 1924: Cases, 7.
Frankfort-on-Main	Jan. 1-10	1		
Gibraltar	Dec. 8-14	1		
Gold Coast				July-December, 1924: Cases, 106; deaths, 1.
Great Britain:				
England and Wales	Nov. 23-Jan. 3	472		
Do.	Jan. 4-Mar. 21	1,477		
Newcastle-on-Tyne	Jan. 18-Feb. 21	9		
Do.	Mar. 1-7	1		
Greece				January-June, 1924: Cases, 170; deaths, 27.
Do.				July-December, 1924: Cases, 38; deaths, 26.
Saloniki	Nov. 11-Dec. 22	3		
India				Oct. 19, 1924, to Jan. 3, 1925: Cases, 12,564; deaths, 2,857.
Bombay	Nov. 2-Jan. 3	30	18	
Do.	Jan. 4-Feb. 28	265	135	
Calcutta	Oct. 26-Jan. 8	307	170	
Do.	Jan. 4-Mar. 7	1,627	1,101	
Karnachi	Nov. 16-Jan. 3	16	2	
Do.	Jan. 4-Feb. 14	52	6	
Do.	Feb. 22-Mar. 21	46	12	
Madras	Nov. 16-Jan. 3	122	48	
Do.	Jan. 4-Mar. 7	552	212	
Do.	Mar. 15-21	97	40	
Rangoon	Oct. 26-Jan. 3	86	28	
Do.	Jan. 4-Feb. 28	504	98	
Indo-China				Aug. 1-Sept. 30, 1924: Cases, 223; deaths, 76. Dec. 1-31, 1925: Cases, 485; deaths, 114.
Province—				
Anam	Aug. 1-Sept. 30	49	11	
Do.	Dec. 1-31	167	26	
Cambodia	Aug. 1-Sept. 30	40	9	
Do.	Dec. 1-31	30	13	
Cochin-China				Aug. 1-Sept. 30, 1924: Cases, 115; deaths, 49. Dec. 1-31, 1924: Cases, 50; deaths, 13.
Saigon	Nov. 16-Jan. 3	17	5	Including 100 square kilometers of surrounding country.
Do.	Jan. 4-Feb. 21	32	8	
Tonkin	Aug. 1-Sept. 30	19	7	
Do.	Dec. 1-31	238	62	
Iraq	June 29-Jan. 10	138	67	
Do.	Jan. 11-20	4	2	
Bagdad	Nov. 9-Dec. 27	2	1	
Do.	Mar. 1-7	1		
Italy				June 29-Dec. 27, 1924: Cases, 63.
Jamaica				Nov. 30, 1924-Jan. 3, 1925: Cases, 50. Reported as alastrim.
Do.				Jan. 4-31, 1925: Cases, 43. Reported as alastrim.
Kingston	Nov. 30-Dec. 27	4		Reported as alastrim.
Japan				Aug. 1-Nov. 15, 1924: Cases, 4.
Nagasaki	Feb. 9-Mar. 22	7	2	
Taiwan	Jan. 1-31	1		
Java:				
East Java—				
Paseroean	Oct. 26-Nov. 1	9	1	
Do.	Nov. 12-19			Epidemic in 2 native villages.
Soerabaya	Oct. 19-Dec. 31	685	212	
Do.	Jan. 15-Feb. 7	258	31	
West Java—				
Batam	Oct. 14-20	2		
Batavia	Oct. 21-Nov. 14	2		
Do.	Dec. 20-Jan. 2	19	4	
Buitenzorg	Dec. 25-31	1		Batavia Residency.
Cheribon	Oct. 14-Nov. 24	15		
Do.	Jan. 1-28	3		
Krawang	Jan. 15-21	1		
Pekalongan	Oct. 14-Nov. 24	22		
Do.	Dec. 25-31	3		
Pemalang	Jan. 8-14	1		Province.
Preanger	Nov. 18-24	1		Pekalongan Residency.
Latvia				Oct. 1-Nov. 30, 1924: Cases, 5.
				Jan. 1-31, 1925: Cases, 5.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

SMALLPOX—Continued

Place	Date	Cases	Deaths	Remarks
Lithuania.....	.....	.....	.....	Jan. 1-31, 1925: Cases, 2.
Mexico:				
Durango.....	Dec. 1-31.....	.....	5	
Do.....	Jan. 1-Mar. 31.....	.....	16	
Guadalajara.....	Dec. 23-29.....	.....	1	
Do.....	Jan. 6-Mar. 23.....	.....	4	
Mexico City.....	Nov. 23-Dec. 27.....	5	.....
Do.....	Jan. 11-Mar. 28.....	35	.....
Monterey.....	.....	.....	.....	Jan. 24, 1925: Outbreak. Mar. 14, 1925, present.
Salina Cruz.....	Dec. 1-31.....	1	1	
Do.....	Feb. 22-28.....	.....	2	
Saltillo.....	Feb. 22-Apr. 11.....	.....	2	
San Luis Potosi.....	Mar. 29-Apr. 11.....	.....	2	
Tampico.....	Dec. 11-31.....	5	4	
Do.....	Jan. 1-Mar. 31.....	59	18	
Vera Cruz.....	Dec. 1-Jan. 3.....	.....	10	
Do.....	Jan. 6-Apr. 5.....	.....	38	
Villa Hermosa.....	Dec. 28-Jan. 10.....	.....	.....
Yucatan State.....	Apr. 5-11.....	.....	.....	Present. Locality, capital, State of Tabasco.
Nigeria:				In country towns.
Do.....	.....	.....	.....	January-June, 1924: Cases, 357; deaths, 67.
Do.....	.....	.....	.....	July-November, 1924: Cases, 87; deaths, 25.
Persia:				
Teheran.....	.....	.....	.....	Sept. 23-Dec. 31, 1924: Deaths, 12.
Do.....	Jan. 1-31.....	.....	10	
Peru:				
Arequipa.....	Nov. 24-30.....	.....	1	
Do.....	Jan. 1-31.....	.....	3	
Philippine Islands:				
Manila.....	Mar. 29-Apr. 4.....	3	.....
Poland:				
Do.....	.....	.....	.....	Sept. 21-Dec. 28, 1924: Cases, 30; deaths, 2.
Portugal:				
Lisbon.....	Dec. 7-Jan. 3.....	17	.....
Do.....	Jan. 4-Mar. 14.....	78	7	
Oporto.....	Nov. 30-Dec. 27.....	3	2	
Do.....	Jan. 11-Mar. 14.....	3	.....
Russia:				
Do.....	.....	.....	.....	January-June, 1924: Cases, 18,229. July-November, 1924: Cases, 3,665.
Senegal:				
Dakar.....	Mar. 16-22.....	4	.....
Siam:				
Bangkok.....	Dec. 28-Jan. 3.....	1	1	
Do.....	Jan. 18-Feb. 21.....	.....	19	
Sierra Leone:				
Freetown.....	Feb. 7-14.....	2	.....	From S. S. Elmina.
Spain:				
Barcelona.....	Nov. 27-Dec. 31.....	.....	5	
Do.....	Mar. 19-25.....	.....	1	
Cadiz.....	Nov. 1-Dec. 31.....	.....	51	
Do.....	Jan. 1-Feb. 28.....	.....	10	
Madrid.....	Year 1924.....	.....	40	
Do.....	Jan.-Feb.....	.....	13	
Malaga.....	Nov. 23-Jan. 3.....	.....	97	
Do.....	Jan. 4-Apr. 4.....	.....	90	
Valencia.....	Nov. 30-Dec. 6.....	.....	5	
Do.....	Feb. 15-Mar. 28.....	2	.....
Straits Settlements:				
Singapore.....	Feb. 22-Apr. 4.....	3	1	
Switzerland:				
Lucerne.....	Nov. 1-Dec. 31.....	19	.....
Do.....	Jan. 1-31.....	24	.....
Syria:				
Aleppo.....	Nov. 23-Dec. 27.....	13	.....
Do.....	Jan. 4-Feb. 28.....	71	18	
Beirut.....	Feb. 11-20.....	1	.....
Damascus.....	Jan. 6-13.....	2	.....
Do.....	Feb. 11-20.....	22	.....
Tripoli:				
Tripoli.....	July 14-Jan. 2.....	53	.....
Tunis:				
Tunis.....	Nov. 25-Dec. 29.....	42	35	
Do.....	Jan. 1-Apr. 8.....	.....	291	
Turkey:				
Constantinople.....	Dec. 13-19.....	5	.....

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

SMALLPOX—Continued

Place	Date	Cases	Deaths	Remarks
Union of South Africa.....				Nov. 1-Dec. 31, 1924: Cases, 14. Jan. 1-31, 1925: Cases, 4. Natives.
Cape Province.....	Feb. 1-7.....			Outbreaks.
De Aar District.....	Jan. 25-31.....			Outbreak at railway camp.
Do.....	Nov. 9-Jan. 17.....			Outbreaks.
Natal.....	Mar. 1-7.....			Do.
Orange Free State.....	Nov. 2-8.....			Do.
Ladybrand District.....	Jan. 15-31.....			Outbreak, on farm.
Transvaal.....	Nov. 9-Jan. 10.....			Do.
Do.....	Feb. 1-7.....			Outbreaks.
Uruguay.....				January-June, 1924: Cases, 101; deaths, 2.
Do.....				July-November, 1924: Cases, 53; deaths, 5.
On vessel:				
S. S. Eldridge.....	Mar. 23.....	1		At Port Townsend, from Yokohama and ports.
S. S. Habana.....	Feb. 18.....	1		At Santiago de Cuba, from Kingston, Jamaica.
S. S. Ruyth.....				At St. Malo, France, January, 1924, from Sfax, Tunis; believed to have imported smallpox infection.

TYPHUS FEVER

Algeria.....				July 1-Dec. 20, 1924: Cases, 101; deaths, 14.
Algiers.....	Nov. 1-Dec. 31.....	5	1	
Do.....	Jan. 1-Mar. 10.....	10	4	
Argentina:				
Rosario.....	Jan. 1-31.....		1	
Bolivia:				
La Paz.....	Nov. 1-Dec. 31.....	3		
Do.....	Jan. 1-31.....	2		
Bulgaria.....				January-June, 1924: Cases, 191; deaths, 28.
Do.....				July-October, 1924: Cases, 5.
Chile:				
Concepcion.....	Nov. 25-Dec. 1.....		1	
Do.....	Jan. 6-12.....		2	
Do.....	Jan. 27-Feb. 2.....		1	
Iquique.....	Nov. 25-Dec. 1.....		2	
Do.....	Feb. 1-7.....		1	
Talcahuano.....	Nov. 16-Dec. 20.....		5	
Do.....	Jan. 4-10.....		1	
Valparaiso.....	Nov. 25-Dec. 7.....		4	
Do.....	Jan. 11-Mar. 7.....		11	
Chosen:				
Chemulpo.....	Feb. 1-28.....	1		
Seoul.....	Nov. 1-30.....	1	1	
Do.....	Feb. 1-28.....	2	1	
Czechoslovakia.....				December, 1924. Cases, 5.
Do.....	Jan. 1-31.....	14		
Egypt:				
Alexandria.....	Dec. 3-9.....	1	1	
Do.....	Mar. 12-18.....	1		
Cairo.....	Oct. 1-Dec. 23.....	13	8	
Estonia.....				Dec. 1-31, 1924: Cases, 5.
Do.....	Jan. 1-31.....	4		
France.....				July-October, 1924: Cases, 7.
Gold Coast.....				Oct. 1-31, 1924: 1 case.
Greece.....				May-June, 1924: Cases, 116; deaths, 8.
Do.....				July-December, 1924: Cases, 40; deaths, 4.
Saloniki.....	Nov. 17-Dec. 15.....	3	2	
Do.....	Jan. 25-31.....	1		
Japan.....				Aug. 1-Nov. 15, 1924: Cases, 2.
Latvia.....				October-December, 1924: Cases, 30.
Lithuania.....				August-October, 1924: Cases, 15; deaths, 1.
Do.....				Jan. 1-31, 1925: Cases, 27; deaths, 2.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

Reports Received from December 27, 1924, to May 1, 1925—Continued

TYPHUS FEVER—Continued

Place	Date	Cases	Deaths	Remarks
Mexico:				
Durango	Dec. 1-31		1	
Do	Mar. 15-31	1	1	
Guadalajara	Dec. 23-29		1	
Mexico City	Nov. 9-Jan. 3	80		Including municipalities in Federal District.
Do	Jan. 11-Mar. 28	73		
San Luis Potosi	Mar. 8-14		1	
Morocco				November, 1924: Cases, 5.
Palestine				Nov. 12-Dec. 29, 1924: Cases, 10.
Ekrón	Dec. 23-29	1		
Jerusalem	do	2		
Do	Jan. 20-26	1		
Mikveh Israel	do	1		
Ramleh	Feb. 10-16	1		
Tiberias	Feb. 24-Mar. 2	2		
Peru:				
Arequipa	Nov. 24-Dec. 31		3	
Poland				Sept. 28, 1924-Jan. 3, 1925: Cases, 751; deaths, 57.
Portugal:				
Lisbon	Dec. 29-Jan. 4		2	
Oporto	Jan. 4-Feb. 7	2		
Rumania				January-June, 1924: Cases, 2,906; deaths, 328.
Do				July-December, 1924: Cases, 288; deaths, 38.
Constantza	Dec. 1-20	1		
Do	Feb. 1-28	2		
Russia				Jan. 1-June 30, 1924: Cases 95,682. July-November, 1924: Cases, 34,729.
Leningrad	June 29-Nov. 22	12		
Spain:				
Madrid	Year 1924		3	
Malaga	Dec. 21-27		1	
Sweden:				
Goteborg	Jan. 18-Feb. 28	2		
Tunis				July 1-Dec. 20, 1924: Cases, 40.
Tunis	Mar. 5-25	9	1	
Do	Apr. 2-8	3		
Turkey:				
Constantinople	Nov. 15-Dec. 19	6	1	
Do	Jan. 2-Mar. 7	9	1	
Union of South Africa				Nov. 1-Dec. 31, 1924: Cases, 345; deaths, 87. Jan. 1-31, 1925: Cases, 94; deaths, 12; native. In white population, cases, 2.
Cape Province	Nov. 1-Dec. 31	126	24	Jan. 1-31, 1925: Native, cases, 41; deaths, 6. Outbreaks.
Do	Feb. 1-Mar. 7			
East London	Nov. 16-22	1		
Do	Jan. 18-24	1		
Port Elizabeth	Feb. 22-28	1		
Natal	Nov. 1-Dec. 31	130	50	
Do				Jan. 1-31, 1925: Cases, 28; deaths, 4. Native. Outbreaks.
Do	Mar. 1-7			
Durban	Feb. 15-21	1		
Orange Free State	Nov. 1-Dec. 31	59	8	Jan. 11-31, 1925: Cases, 16, deaths, 2. Native. Outbreaks.
Do	Feb. 15-21			
Transvaal	Nov. 1-Dec. 31	30	5	
Do				Jan. 1-31, 1925: Cases, 9. Native.
Yugoslavia				Aug. 3-Oct. 18, 1924: Cases, 17; deaths, 2. Mar. 8-14, 1925: Cases, 1.
Belgrade	Nov. 24-Dec. 28	5		

YELLOW FEVER

Gold Coast	October-November, 1924.	4	4	
Salvador:				
San Salvador	June-October, 1924.	77	28	Last case, Oct. 22, 1924.